

Service Manual

ViewSonic VG810s/b

Model No. VLCDS27944-1W/-2W

18" Color TFT LCD Display

(VG810s/b_SM_720 Rev. 1a Mar. 2004)

ViewSonic® 381 Brea Canyon Road, Walnut, California 91789 USA - (800) 888-8583

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Revision History

Revision	Date	Description Of Changes	Approval
1a	03/02/04	Initial Release DCN-3603	Angela Luh

TABLE OF CONTENTS

1. Precautions and Safety Notices	1
2. Specification	2
3. Front Panel Function Control Description	13
4. Circuit Description	19
5. Adjusting Procedure	20
6. Trouble Shooting Flow Chart	23
7. Recommended Spare Parts List	29
8. Exploded Diagram And Spare Parts List	45
9. Block Diagram	49
10. Schematic Diagrams	50
11. PCB Layout Diagrams	60

1. Precautions and Safety Notices

Prior to using this manual, please ensure that you have carefully followed all the procedures outlined in the user manual for this product.

- Read all of these instructions.
- Save these instructions for later use.
- Follow all warnings and instructions marked on the product.
- Do not use this product near water.
- This display should be installed on a solid horizontal base.
- When cleaning, use only a neutral detergent cleaner with a soft damp cloth. Do not spray with liquid or aerosol cleaners.
- Do not expose this display to direct sunlight or heat. Hot air may cause damage to the cabinet and other parts.
- Adequate ventilation must be maintained to ensure reliable and continued operation and to protect the display from overheating. Do not block ventilation slots and openings with objects or install the display in a place where ventilation may be hindered.
- Do not install this display near a motor or transformer where strong magnetism is generated. Images on the display will become distorted and the color irregular.
- Do not allow metal pieces or objects of any kind fall into the display from ventilation holes.

Slots and openings in the cabinet and the back or bottom are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating, those openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.

2. Specification

2.1 General Description

LCD LG LM181E06-A4M5	Active matrix thin-film-transistor (TFT) Type No: LM181E06-A4M5	
	Active screen Size	18.1 inches diagonal
	Effective Display Size	359.04mm (H) × 287.232mm (V)
	Pixel Pitch	0.280mm (H) × 0.280mm(V)
	Pixel Format	1280×1024 (SXGA)
	Brightness	250cd/m ² (Typ. & panel depends)
	Contrast Ratio	350:1 (Typ. & panel depends)
	Color (8 bits)	16,777,216 colors
	Viewing Angle range	Up 80° Down 80°(type)
	(CR 10, at Ta=25°C)	Left 80° Right 80°(type)
	Backlight	6 CCFL
Input Signals	Analog RGB 0.7Vp-p / 75 Digital RGB DVI Ver1.0 (TMDS Single Link) H/V Separate sync. Sync 2.0~5.0Vp-p, Positive/Negative, 2.2K	
Input connector	Analog D-sub 15 pin *1 Digital DVI-D 24pin *1	
Synchronization	Horizontal	30 kHz to 82 kHz (automatically)
	Vertical	50 Hz to 85 Hz (automatically)
	Non-interlaced	
		Maximum Pixel Rated 135MHz
Resolution	Horizontal	1280 dots
	Vertical	1024 lines
Active Display Area	Horizontal	359.04 mm (typical , panel depends)
	Vertical	287.232 mm (typical , panel depends)
Power Supply	AC input	AC 100V~240V / 2A , 47.5~63Hz
Voltage Rating	DC 12V	5A.
AC Power Consumption	less than 60W	On mode.
	less than 1W	Active OFF mode.
	less than 1W	DC Power OFF.
Current Rating	AC input	2A @ AC 100~240V.
Dimensions	408(W)*370.2(H)*65.4(D)mm (without stand base) 408(W)*433.1(H)*180.27(D)mm (with stand base)	
Weight (net)	7Kg (net weight)	
Environmental Conditions	Operating Temperature	0 to 40°C
	Operating Humidity	20 to 90%
	Storage Temperature	-20 to 60°C
	Storage Humidity	5 to 90% (non-condensation)
Accessories	AC cable	1.8m
	User Guide	English
	CD Rom	1
	Warranty Card	1
	HD15 - HD15 cable	1
Regulatory Standard	UL, cUL, FCC-B, CB, CE, EPA, NOM, TUV/GS, TUV ERGO (covers ISO13406-2 & MPRII), NEMKO, SEMKO, DEMKO, FIMKO, GOST-R + 20 ORIGINAL COPIES HYGIENIC, PCBC, VCCI, BSMI, CCEE, PSB, C-TICK, TUV-S, TCO 99(VG810b), TCO'03(VG810s), Energy, Energy Star, PCT, Taiwan Green Mark	
Others	Tilt Angle 20° up / 5° down VESA DDC 2B compatible	

2.2 Electrical Characteristics

2.2.1 Power Supply

AC Input Voltage AC 100~240 V / 47.5~63Hz

Power Consumption:

Less than 60W	On mode
Less than 1W	Active Off mode
Less than 1W	DC power Off
Current Rating	2A @ AC 100~240V

Inrush Current

Less than 50 Amp(peak) for 120 Vac

Less than 100 Amp(peak) for 230 Vac

Power cord : detachable, 3P, 1.8m

2.2.2 LCD

LCD	Active matrix thin-film-transistor (TFT)
Active screen size	18.1 inches (359.04mm × 287.232mm) diagonal
Pixel Format	1280 x 1024 (SXGA) R.G.B. stripe arrangement
Display method	TFT, normally Black
Pixel pitch	0.280 (H) x 0.280 (V) mm
Dot number	1280 x 1024 x 3 dots
Backlight	Edge-lighting type with 6 CCFL (Cold Cathode Fluorescent Lamp)
Brightness	250 cd/m ² (Typ. & panel depends)
Contrast ratio	350:1 (Typ. & panel depends)
Display color	16,777,216 colors
viewing angle typical	Up 80° / down 80° / right 80° / left 80° (Contrast ratio 10 at Ta=25°C / 77°F)
Response time	Rise time 15mS, Fall time 15mS

2.2.3 Luminance Control

100IRE , 6500K, Center of screen, Full white pattern, 50cm, 90°
OVER 200 cd / m² (x = 0.313 +/- 0.03 , y = 0.329 +/- 0.03)
(@ Contrast / Brightness max)

2.2.4 Synchronization

Horizontal : 30 to 82 kHz
Vertical : 50 to 85 Hz Non-interlaced
Recommended 1280 x 1024 @60Hz mode

2.2.5 Power Management

VG810 will enter power saving mode under the following conditions:

Power Management condition and status

State	Signals			Power Supply	LED
	Horizontal	Vertical	Video		
On	Pulses	Pulses	Active	<60W	Green
Active off	Pulses	No Pulse	Blank	<1W	Amber
	No Pulse	Pulses			
	No Pulse	No Pulse			
Out off scan range	<30KHz , >82KHz	<50Hz , >85Hz	-	<60W	Green
AC power Off	-	-	-	Off	Off
DC power Off	-	-	-	<1W	Off

2.3 Video alignment

2.3.1 Color temperature alignment

- Apply VESA 1280x1024 / 60Hz, full white pattern.(Input signal level =0.7Vp-p)
- Auto white balance must be finish at 32 gray pattern before auto alignment.
- Set default → Contrast to 70%, Brightness to 100%.
9300°K, 6500°K : RGB Offset set as below

	9300°K	6500°K	5400°K	5000°K
R Offset	128	128	128	128
G Offset	128	128	128	128
B Offset	128	128	128	128

2.3.2 Digital alignment

- 2.3.2.1 Apply VESA 1280x1024 / 60Hz , full white pattern.
- 2.3.2.2 Adjust R, G, B Gain to meet following chromaticity spec.
 $x = 0.313 \pm 0.003$, $y = 0.329 \pm 0.003$

2.3.3 Analog alignment

- 2.3.3.1 9300°K High luminance alignment
 - 2.3.3.1.1 Apply VESA 1280x1024 / 60Hz, full white pattern.
 - 2.3.3.1.2 Adjust R, G, B Gain to meet following chromaticity spec.
9300°K $x = 0.283 \pm 0.003$, $y = 0.298 \pm 0.003$, $Y > 150 \text{ cd/m}^2$
- 2.3.3.2 6500°K High luminance alignment
 - 2.3.3.2.1 Apply VESA 1280x1024 / 60Hz , full white pattern.
 - 2.3.3.2.2 Adjust R, G, B Gain to meet following chromaticity spec.
6500°K $x = 0.313 \pm 0.003$, $y = 0.329 \pm 0.003$, $Y > 190 \text{ cd/m}^2$
- 2.3.3.3 5400°K High luminance alignment
 - 2.3.3.3.1 Apply VESA 1280x1024 / 60Hz , full white pattern .
 - 2.3.3.3.2 Adjust R, G, B Gain to meet following chromaticity spec.
5400°K $x = 0.335 \pm 0.003$, $y = 0.350 \pm 0.003$, $Y > 180 \text{ cd/m}^2$
- 2.3.3.4 5000°K High luminance alignment
 - 2.3.3.4.1 Apply VESA 1280x1024 / 60Hz , full white pattern .
 - 2.3.3.4.2 Adjust R, G, B Gain to meet following chromaticity spec.
5000°K $x = 0.346 \pm 0.003$, $y = 0.359 \pm 0.003$, $Y > 180 \text{ cd/m}^2$

2.3.4 Luminance test

2.3.4.1 Set color temperature to 9300°K

Apply VESA 1280x1024/60Hz , apply full white pattern, adjust
OSD Brightness = 100%, Contrast = 70% .

1. The luminance measure should be over 150 cd/m²

2.3.4.2 Set color temperature to 6500°K

Apply VESA 1280x1024 / 60Hz, apply full white pattern, adjust
OSD Brightness = 100%, Contrast = 70%

1. The brightness measure should be over 190 cd/m²

2. OSD Brightness = 100%, Contrast = 100%, The brightness measure should be over
200cd/m².

2.3.4.3 Set color temperature to 5400°K

Apply VESA 1280x1024 / 60Hz , apply full white pattern, adjust
OSD Brightness = 100%, Contrast = 70%

1. The brightness measure should be over 180 cd/m²

2.3.4.4 Set color temperature to 5000°K

Apply VESA 1280x1024 / 60Hz , apply full white pattern, adjust
OSD Brightness = 100%, Contrast = 70%

1. The brightness measure should be over 180 cd/m²

2.3.4.5 Apply VESA 1280x1024/60Hz, apply full white pattern, adjust

OSD Brightness 100%, Contrast 70% ,

Measurement at center of screen

Mode	X	y	Y
9300°K	0.283±0.010 (Default)	0.298 ±0.010 (Default)	OVER 150 cd/m ² (Brightness 100%, Contrast 70%)
6500°K	0.313 ±0.010 (Default)	0.329 ±0.010 (Default)	OVER 190 cd/m ² (Brightness 100%, Contrast 70%)
5400°K	0.335 ±0.010 (Default)	0.350 ±0.010 (Default)	OVER 180 cd/m ² (Brightness 100%, Contrast 70%)
5000°K	0.346 ±0.010 (Default)	0.359 ±0.010 (Default)	OVER 180 cd/m ² (Brightness 100%, Contrast 70%)
User mode (R, G, B Max.)			

2.4. Key function define

Hot Key

Key “Volume –“	Key “Volume +”	Key “1”	Key “DOWN ”	Key “UP”	Key “2”	power	functions
							Factory mode
							Burn in off
							Burn in on
							All mode recall
							Lock(Unlock) Power Key
							Lock(Unlock) Osd Key
							Read EDID
							ISP

2.5 EDID Serial No. format

2.5.1 EDID for VG810s

2.5.1.1 Analog EDID

128 BYTES OF EDID CODE :

	0	1	2	3	4	5	6	7	8	9
0	00	FF	FF	FF	FF	FF	FF	00	5A	63
10	18	BF	01	01	01	01	01	0D	01	03
20	0E	24	1D	78	2E	0A	25	A2	57	4B
30	99	24	18	50	54	BF	EF	80	81	80
40	81	40	71	4F	01	01	01	01	01	01
50	01	01	01	01	30	2A	00	98	51	00
60	2A	40	30	70	13	00	67	1F	11	00
70	00	1E	00	00	00	FF	00	41	32	5A
80	30	33	30	31	30	30	30	30	31	0A
90	00	00	00	FD	00	32	4B	1E	52	0E
100	00	0A	20	20	20	20	20	20	00	00
110	00	FC	00	56	47	38	31	30	73	0A
120	20	20	20	20	20	20	00	F0		

2.5.1.2 Digital EDID:

128 BYTES OF EDID CODE :

	0	1	2	3	4	5	6	7	8	9
0	00	FF	FF	FF	FF	FF	FF	00	5A	63
10	18	BF	01	01	01	01	01	0D	01	03
20	80	24	1D	78	2E	0A	25	A2	57	4B
30	99	24	18	50	54	BF	EF	80	81	80
40	81	40	71	4F	31	0A	01	01	01	01
50	01	01	01	01	30	2A	00	98	51	00
60	2A	40	30	70	13	00	67	1F	11	00
70	00	1E	00	00	00	FF	00	41	32	5A
80	30	33	30	31	30	30	30	30	31	0A
90	00	00	00	FD	00	32	4B	1E	52	0E
100	00	0A	20	20	20	20	20	20	00	00
110	00	FC	00	56	47	38	31	30	73	0A
120	20	20	20	20	20	20	00	45		

2.5.2 EDID for VG810b

2.5.2.1 Analog EDID

128 BYTES OF EDID CODE :

	0	1	2	3	4	5	6	7	8	9
0	00	FF	FF	FF	FF	FF	FF	00	5A	63
10	18	C0	01	01	01	01	01	0D	01	03
20	0E	24	1D	78	2E	0A	25	A2	57	4B
30	99	24	18	50	54	BF	EF	80	81	80
40	81	40	71	4F	01	01	01	01	01	01
50	01	01	01	01	30	2A	00	98	51	00
60	2A	40	30	70	13	00	67	1F	11	00
70	00	1E	00	00	00	FF	00	41	33	30
80	30	33	30	31	30	30	30	30	31	0A
90	00	00	00	FD	00	32	4B	1E	52	0E
100	00	0A	20	20	20	20	20	20	00	00
110	00	FC	00	56	47	38	31	30	62	0A
120	20	20	20	20	20	20	00	29		

2.5.2.2 Digital EDID

128 BYTES OF EDID CODE:

	0	1	2	3	4	5	6	7	8	9
0	00	FF	FF	FF	FF	FF	FF	00	5A	63
10	18	C0	01	01	01	01	01	0D	01	03
20	80	24	1D	78	2E	0A	25	A2	57	4B
30	99	24	18	50	54	BF	EF	80	81	80
40	81	40	71	4F	31	0A	01	01	01	01
50	01	01	01	01	30	2A	00	98	51	00
60	2A	40	30	70	13	00	67	1F	11	00
70	00	1E	00	00	00	FF	00	41	33	30
80	30	33	30	31	30	30	30	30	31	0A
90	00	00	00	FD	00	32	4B	1E	52	0E
100	00	0A	20	20	20	20	20	20	00	00
110	00	FC	00	56	47	38	31	30	62	0A
120	20	20	20	20	20	20	00	7E		

Appendix A : Preset timing chart

Analog mode

		1	2	3	4	5	6	7
Signal name	symbol	TEXT mode	TEXT mode	VGA	MAC-II	VESA-VGA	VESA-VGA	VESA-VGA
H-frequency (kHz)		31.468	31.469	31.468	35.001	37.5	37.862	43.269
V-frequency (Hz)		70.087	70.087	59.941	66.667	75	72.807	85.005
Pixel rate (MHz)		25.175	28.322	25.175	30.240	31.5	31.501	36.000
H-sync	Ths	96	108	96	64	64	40	56
H-back porch	Thb	48	54	48	96	120	128	80
Count num (H-total)	Thd	800	900	800	864	840	832	832
H- front porch	Thf	16	18	16	64	16	24	56
V-sync	Tvs	2	2	2	3	3	3	3
V-back porch	Tvb	60	35	33	39	16	28	25
Count num (V-total)	Tvd	449	449	525	525	500	520	509
V-front porch	Tvf	37	12	10	3	1	9	1
H-sync. Polarity		Positive	Negative	Negative	Negative	Negative	Negative	Negative
V-sync Polarity		Negative	Positive	Negative	Negative	Negative	Negative	Negative
H-resolution (dots)		640	720	640	640	640	640	640
V-resolution (lines)		350	400	480	480	480	480	480

		8	9	10	11	12	13	14
Signal name	Symbol	IBM-8514A	SVGA	SVGA	SVGA	SVGA	MAC 16"	XGA
H-frequency (kHz)		35.156	37.879	48.077	46.875	53.674	49.725	48.363
V-frequency (Hz)		56.250	60.317	72.188	75.000	85.061	74.5	60.004
Pixel rate (MHz)		36.000	40.000	50.000	49.500	56.250	57.283	65.000
H-sync	Ths	72	128	120	80	64	64	136
H-back porch	Thb	128	88	64	160	152	224	160
Count num (H-total)	Thd	1024	1056	1040	1056	1048	1152	1344
H- front porch	Thf	24	40	56	16	32	32	24
V-sync	Tvs	2	4	6	3	3	3	6
V-back porch	Tvb	22	23	23	21	27	39	29
Count num (V-total)	Tvd	625	628	666	625	631	667	806
V-front porch	Tvf	1	1	37	1	1	1	3
H-sync. Polarity		Positive	Positive	Positive	Positive	Positive	Negative	Negative
V-sync Polarity		Positive	Positive	Positive	Positive	Positive	Negative	Negative
H-resolution (dots)		800	800	800	800	800	832	1024
V-resolution (lines)		600	600	600	600	600	624	768

		15	16	17	18	19	20
Signal name	Symbol	XGA	XGA	XGA	XGA	SXGA	720P
H-frequency (kHz)		56.476	58.099	60.023	68.677	63.981	45.000
V-frequency (Hz)		70.069	72.082	75.029	84.997	60.02	60.00
Pixel rate (MHz)		75.000	78.084	78.750	94.500	108	74.250
H-sync	Ths	136	136	96	96	112	40
H-back porch	Thb	144	160	176	208	248	270
Count num (H-total)	Thd	1328	1344	1312	1376	1688	1658
H- front porch	Thf	24	24	16	48	48	60
V-sync	Tvs	6	6	3	3	3	5
V-back porch	Tvb	29	29	28	36	38	20
Count num (V-total)	Tvd	806	806	800	808	1066	750
V-front porch	Tvf	3	3	1	1	1	5
H-sync. Polarity		Negative	Negative	Positive	Positive	Positive	Negative
V-sync Polarity		Negative	Negative	Positive	Positive	Positive	Negative
H-resolution (dots)		1024	1024	1024	1024	1280	1280
V-resolution (lines)		768	768	768	768	1024	720

Digital Mode

		1	2	3	4	5	6	7
Signal name	symbol	TEXT mode	TEXT mode	VGA	VGA	VESA-VGA	VESA-VGA	VESA-VGA
H-frequency (kHz)		31.468	31.469	31.468	31.468	37.5	37.862	43.269
V-frequency (Hz)		70.087	70.087	70.087	59.941	75	72.807	85.005
Pixel rate (MHz)		25.175	28.322	25.175	25.175	31.5	31.501	36.000
H-sync	Ths	96	108	96	96	64	40	56
H-back porch	Thb	48	54	48	48	120	128	80
Count num (H-total)	Thd	800	900	800	800	840	832	832
H- front porch	Thf	16	18	16	16	16	24	56
V-sync	Tvs	2	2	2	2	3	3	3
V-back porch	Tvb	60	35	35	33	16	28	25
Count num (V-total)	Tvd	449	449	449	525	500	520	509
V-front porch	Tvf	37	12	12	10	1	9	1
H-sync. Polarity		Positive	Negative	Negative	Negative	Negative	Negative	Negative
V-sync Polarity		Negative	Positive	Positive	Negative	Negative	Negative	Negative
H-resolution (dots)		640	720	640	640	640	640	640
V-resolution (lines)		350	400	400	480	480	480	480

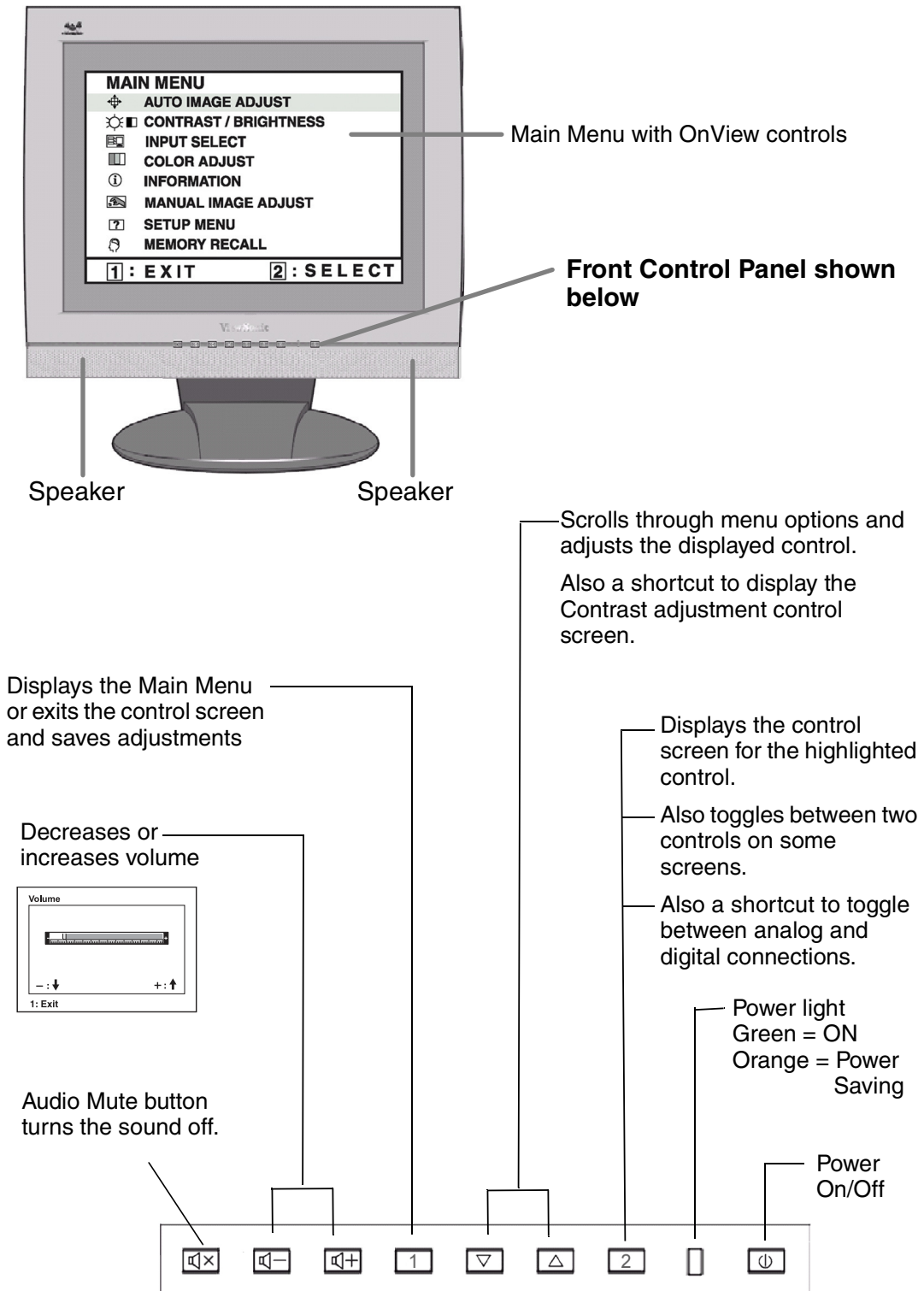
		8	9	10	11	12	13	14
Signal name	Symbol	IBM-8514 A	SVGA	SVGA	SVGA	SVGA	XGA	XGA
H-frequency (kHz)		35.156	37.879	48.077	46.875	53.674	48.363	56.476
V-frequency (Hz)		56.250	60.317	72.188	75.000	85.061	60.004	70.069
Pixel rate (MHz)		36.000	40.000	50.000	49.500	56.250	65.000	75.000
H-sync	Ths	72	128	120	80	64	136	136
H-back porch	Thb	128	88	64	160	152	160	144
Count num (H-total)	Thd	1024	1056	1040	1056	1048	1344	1328
H- front porch	Thf	24	40	56	16	32	24	24
V-sync	Tvs	2	4	6	3	3	6	6
V-back porch	Tvb	22	23	23	21	27	29	29
Count num (V-total)	Tvd	625	628	666	625	631	806	806
V-front porch	Tvf	1	1	37	1	1	3	3
H-sync. Polarity		Positive	Positive	Positive	Positive	Positive	Negative	Negative
V-sync Polarity		Positive	Positive	Positive	Positive	Positive	Negative	Negative
H-resolution (dots)		800	800	800	800	800	1024	1024
V-resolution (lines)		600	600	600	600	600	768	768

		15	16	17	18	19
Signal name	Symbol	XGA	XGA	XGA	SXGA	HD-720P
H-frequency (kHz)		58.099	60.023	68.677	63.981	45.000
V-frequency (Hz)		72.082	75.029	84.997	60.02	60.00
Pixel rate (MHz)		78.084	78.750	94.500	108	74.250
H-sync	Ths	136	96	96	112	40
H-back porch	Thb	160	176	208	248	270
Count num (H-total)	Thd	1344	1312	1376	1688	1658
H- front porch	Thf	24	16	48	48	60
V-sync	Tvs	6	3	3	3	5
V-back porch	Tvb	29	28	36	38	20
Count num (V-total)	Tvd	806	800	808	1066	750
V-front porch	Tvf	3	1	1	1	5
H-sync. Polarity		Negative	Positive	Positive	Positive	Negative
V-sync Polarity		Negative	Positive	Positive	Positive	Negative
H-resolution (dots)		1024	1024	1024	1280	1280
V-resolution (lines)		768	768	768	1024	720

3. Front Panel Function Control Description

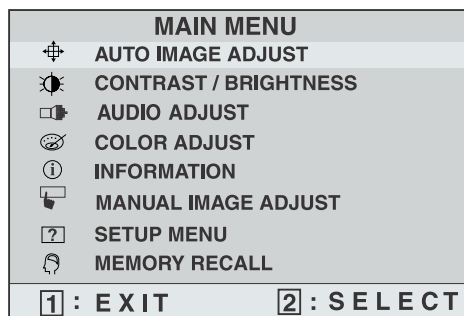
Adjusting the Screen Image:

Use the buttons on the front control panel to display and adjust the OnView® controls which display on the screen. The OnView controls are explained at the top of the next page and are defined in “Main Menu Controls” on page 9.



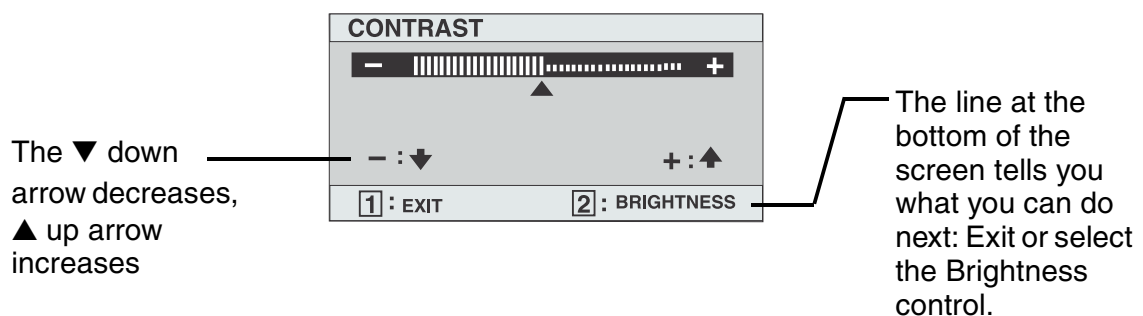
Do the following to adjust the screen image:

- 1 To display the Main Menu, press button [1].



NOTE: All OnView menus and adjustment screens disappear automatically after about 30 seconds.

- 2 To select a control you want to adjust, press ▲ or ▼ to scroll up or down the Main Menu.
- 3 After the control is selected, press button [2]. A control screen like the one shown below appears.



- 4 To adjust the control, press the up ▲ or down ▼ buttons.
- 5 To save the adjustments and exit the menu, press button [1] *twice*.

The following tips may help you optimize your display:

- Adjust your computer's graphic card so that it outputs a video signal 1280 x 1024 @ 60 Hz to the LCD display. (Look for instructions on "changing the refresh rate" in your graphic card's user guide.)
- If necessary, make small adjustments using H POSITION and V POSITION until the screen image is completely visible. (The black border around the edge of the screen should barely touch the illuminated "active area" of the LCD display.)

Main Menu Controls

Adjust the menu items shown below by using the up ▲ and down ▼ buttons.

Control Explanation



Auto Image Adjust automatically sizes, centers, and fine tunes the video signal to eliminate waviness and distortion.
Press the [2] button to obtain a sharper image.
NOTE: Auto Image Adjust works with most common video cards. If this function does not work on your LCD display, then lower the video refresh rate to 60 Hz and set the resolution to its pre-set value.



Contrast adjusts the difference between the image background (black level) and the foreground (white level).

Brightness adjusts background black level of the screen image.



Audio Adjust

AUDIO ADJUST	
VOLUME	
BALANCE	
BASS	
TREBLE	
MUTE	
[1] : EXIT	[2] : SELECT

Volume increases the volume, decreases the volume, and mutes the audio.

Balance adjusts the proportion of sound coming from each speaker.

Bass adjusts the low (bass) frequency audio output.

Treble adjusts the high (treble) frequency audio output.

Mute temporarily silences audio output.



Color Adjust provides several color adjustment modes: preset color temperatures and **RGB** which allows you to adjust red (**R**), green (**G**), and blue (**B**) separately. The factory setting for this product is 6500K (6500 Kelvin).

COLOR ADJUST	
SRGB	
9300K	
6500K	
5400K	
5000K	
USER COLOR	
[1] : EXIT	[2] : SELECT

sRGB — sRGB is quickly becoming the industry standard for color management, with support being included in many of the latest applications. Enabling this setting allows the LCD display to more accurately display colors the way they were originally intended. Enabling the sRGB setting will cause the Contrast and Brightness adjustments to be disabled.

9300K — Adds blue to the screen image for cooler white (used in most office settings with fluorescent lighting).

6500K — Adds red to the screen image for warmer white and richer red.

5400K — Adds green to the screen image for a darker color.

5000K — Adds blue and green to the screen image for a darker color.

User Color — Individual adjustments for red (R), green (G), and blue (B).

1 To select color (R, G or B) press button [2].

2 To adjust selected color, press ▲ or ▼.

Important: If you select RECALL from the Main Menu when the product is set to a Preset Timing Mode, colors return to the 6500K factory preset.



Information displays the timing mode (video signal input) coming from the graphics card in your computer. See your graphic card's user guide for instructions on changing the resolution and refresh rate (vertical frequency).

NOTE: VESA 1280 x 1024 @ 60 Hz (recommended) means that the resolution is 1280 x 1024 and the refresh rate is 60 Hertz.

INFORMATION
RESOLUTION: **** x ****
FREQUENCY: H = *** kHz
V = *** Hz
MODEL NUMBER : *****
SERIAL NUMBER : *****
WEB SITE : www.ViewSonic.com
[1] : EXIT



Manual Image Adjust displays the Manual Image Adjust menu.

MANUAL IMAGE ADJUST
H/V POSITION
HORIZONTAL SIZE
FINE TUNE
SHARPNESS
[1] : EXIT [2] : SELECT

The **Manual Image Adjust** controls are explained below:

Horizontal Position moves the screen image left or right.

Vertical Position moves the screen image up or down.

Horizontal Size adjusts the width of the screen image.

Fine Tune sharpens focus by aligning the illuminated text and/or graphic characters.

Sharpness adjusts the clarity and focus of the screen image.



Setup Menu displays the menu shown below.

SETUP MENU	
LANGUAGE	
RESOLUTION NOTICE	
OSD POSITION	
OSD TIMEOUT	
OSD BACKGROUND	
[1] : EXIT	[2] : SELECT

The **Setup Menu** controls are explained below:

Language allows you to choose the language used in the menus and control screens.

Resolution Notice displays the Resolution Notice menu shown below.

RESOLUTION NOTICE
For best picture quality, change the resolution to 1280 x 1024
Press "1" to clear message
Press "2" to disable message
[1] : EXIT

Resolution Notice advises the optimal resolution to use.

OSD Position allows you to move the on-screen display menus and control screens.

OSD Timeout sets the length of time an on-screen display screen is displayed. For example, with a "15 second" setting, if a control is not pushed within 15 seconds, the display screen disappears.

OSD Background allows you to turn the On-Screen-Display background on or off.



Memory Recall returns adjustments to the original factory settings if the display is operating in a factory Preset Timing Mode listed in this user guide.

Exception: This control does not affect changes made with the User Color control.

4. Circuit Description

4.1 Power supply (DC/DC Converter):

4.1.1 IC251 MP1410 is a switching regulator controller that uses PWM method. That can be used for DC to DC conversion for step-down. It converts a 12V DC into regulated and stable output voltage of 5V.

4.1.2 Regulator:

IC253(AIC1084-33) function is to convert a 5V into regulated and stable O/P 3.3V.

D252, D253 are 3.3V convert 2.5V.

4.2 DDC data select:

4.2.1 IC601(AT24C02) saves D-SUB DDC data.

4.2.2 IC602(AT24C02) saves DVI, DDC data.

4.3 MCU

The MTV312M micro-controller is an 8051 CPU core embedded device especially tailored for CRT/LCD Monitor application. It includes an 8051 CPU core, 1024-byte SRAM, 14 built-in PWM DACs, VESA DDC interface, 4-channel A/D converter, and a 64K-byte internal program Flash-ROM.

The MCU controls the keyboard signal and audio signal.

4.4 Scalar

The MST9131A is a high performance, and fully integrated graphics processing IC solution for LCD monitors with resolutions up to SXGA. It is configured with an integrated triple-ADC/PLL, a high quality scaling engine, an on-screen display controller, a built-in output clock generator, an integrated DVI receiver, and LVDS display interface. To further reduce system costs, the MST9131A also integrates intelligent power management control capability for green-mode requirements and spread-spectrum support for EMI management.

The analog input (CN602) signal and DVI-D input(CN601) signal are designed to be connected directly to scalar IC, The MST9131A built-in LVDS transmitter, is designed to be connected directly to panel.

4.5 Audio processor

IC802(PT2313L) is a four-channel digital control audio processor utilizing CMOS Technology. Volume, Bass, Treble and Balance, Front/Rear Fader Processor are incorporated into a single chip. Loudness function and Selectable input gain are also provided to build a highly effective electronic Audio processor having the highest performance and reliability with the least external components. All functions are programmable using the I²C Bus.

Volume signal through IC802 pin34(right) pin25(left) into audio amplifier.

4.6 Audio amplifier

IC803(TDA1517) is an integrated class-B dual output amplifier, It contains two identical amplifier differential input stages. The gain of each amplifier is fixed at 20dB.

Pins 1 and 9 are right and left channel inputs respectively. Pins 4 and 6 are right and left channel outputs which connect to two 4OHM speakers.

Pin 8 is the mute/stand-by.

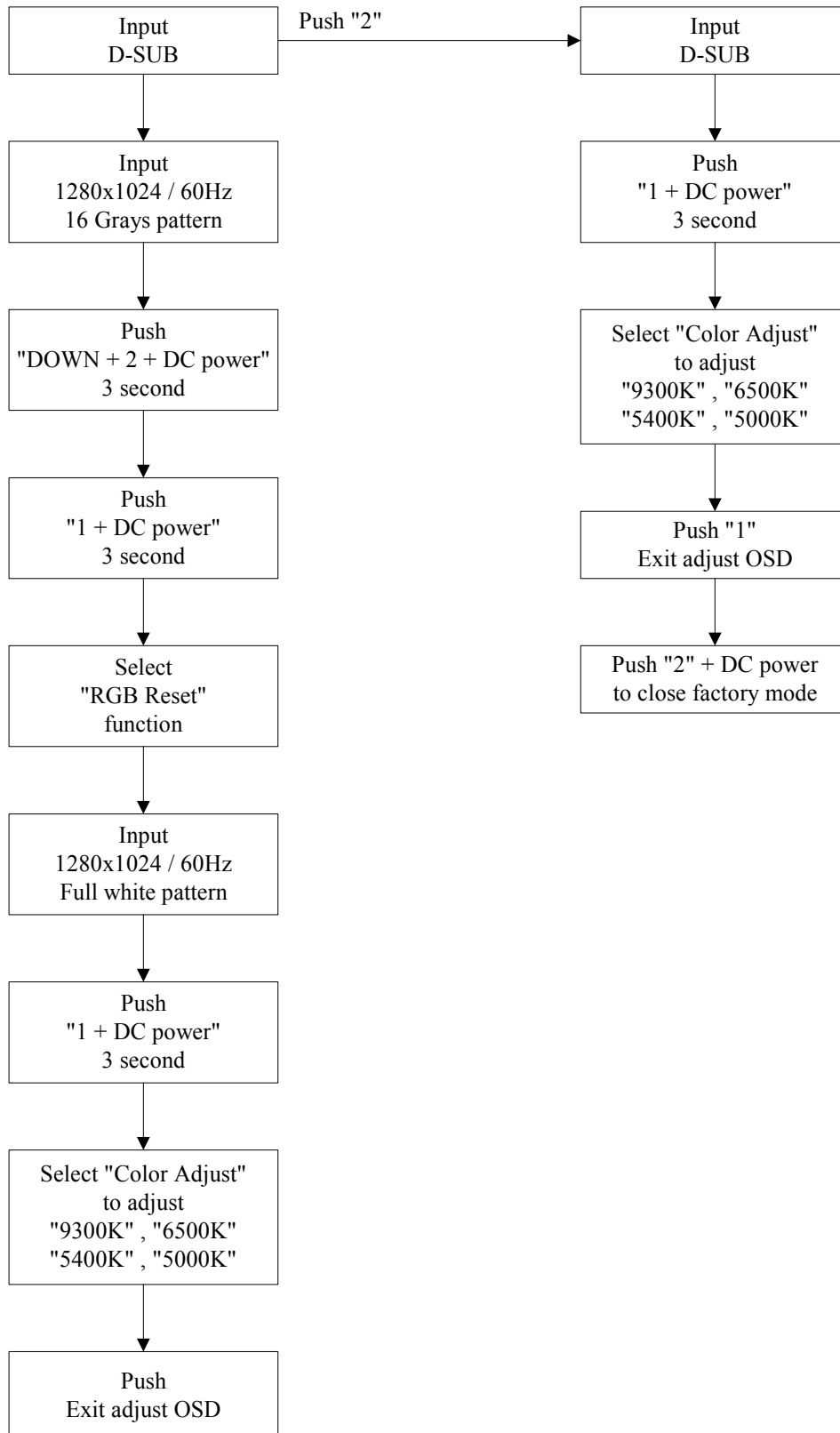
5. Adjusting Procedure

5.1 General.

1. All specification must be met over line voltage range of 90V_{AC} to 264V_{AC} 50Hz / 60Hz, unless otherwise specified.
2. Operating temperature range is 0°C to 40°C with a relative humidity of 10% or less to 80%.
3. The monitor must be operational in a usable state within 30 minutes after turn-on.
4. All signal levels are measured assuming termination at the monitor's input jacks or in its characteristic impedance.
5. All controls must have excess range (no control may be left at an end stop when proper alignment is completed).
6. The monitor is not required to meet specs during the following but must tolerate, without damage to the LCD or circuits, any sequence or combination of power on and off, signal on and off, erratic, wrong frequency or noisy inputs while at any possible unplugging of power or signal, settings of user accessible controls likewise, the monitor should survive extended periods of operation with line voltage reduced below the specified minimum.
7. An isolation transformer should be used when performing alignment and tests, Portions of the power supply board are hot ground, The remaining boards are cold ground.
8. Ambient condition:
 - 8.1 Illumination: In usual inspection of electric performance and mechanical performance, it shall be 150 ~ 260lux.
 - 8.2 Environmental noise: Less than 60dB.
 - 8.3 Interference of EMI: The inspection shall be carried out in the place where a set is not disturbed by external unnecessary electric wave and magnetic field.
 - 8.4 Temperature: $24 \pm 2^{\circ}\text{C}$.
 - 8.5 Humidity: $65 \pm 20\%$.

5.2 Instrument alignment.

5.2.1 Adjustment procedure.



5.2.2 Video alignment.

5.2.1.1 Preset condition.

5.2.1.1.1 Setting the contrast to 70%, brightness to 100%.

5.2.1.1.2 Input 1280x1024 / 60Hz, 16 gray pattern (input level 100IRE 0.7Vp-p), then press “RGB RESET”. 9300K / 6500K / 5400K / 5000K, R G B offset preset as below:

	9300K		6500K		5400K		5000K	
	Analog	DVI	Analog	DVI	Analog	DVI	Analog	DVI
R sub-contrast	128	128	128	128	128	128	128	128
G sub-contrast	128	128	128	128	128	128	128	128
B sub-contrast	128	128	128	128	128	128	128	128

5.2.1.2 9300K alignment:

5.2.1.2.1 Input 1280x1024 / 60Hz & full white pattern at 100IRE.

5.2.1.2.2 Adjust R, G, and B sub-contrast to meet following chromaticity spec:

9300K $\rightarrow x = 0.283 \pm 0.005, y = 0.298 \pm 0.005, Y > 150\text{cd/m}^2$ (Both analog & DVI).

5.2.1.3 6500K alignment:

5.2.1.3.1 Input 1280x1024 / 60Hz & full white pattern at 100IRE.

5.2.1.3.2 Adjust R, G and B sub-contrast to meet following chromaticity spec:

6500°K $\rightarrow x = 0.313 \pm 0.005, y = 0.329 \pm 0.005, Y > 190\text{cd/m}^2$ (Both analog & DVI).

5.2.1.4 5400K alignment:

5.2.1.4.1 Input 1280x1024 / 60Hz & full white pattern at 100IRE.

5.2.1.4.2 Adjust R, G, and B sub-brightness to meet following chromaticity spec:

5400K $\rightarrow x = 0.335 \pm 0.005, y = 0.350 \pm 0.005, Y > 180\text{cd/m}^2$ (Both analog & DVI).

5.2.1.5 5000K alignment:

5.2.1.5.1 Input 1280x1024 / 60Hz & full white pattern at 100IRE.

5.2.1.5.2 Adjust R, G and B sub-contrast to meet following chromaticity spec:

5000°K $\rightarrow x = 0.346 \pm 0.005, y = 0.359 \pm 0.005, Y > 180\text{cd/m}^2$ (Both analog & DVI).

5.2.1.6 64grays & 16grays pattern check:

5.2.1.6.1 Input 1280x1024 / 60Hz & 64 grays pattern at 100IRE, adjust brightness 100%, and contrast 70%.

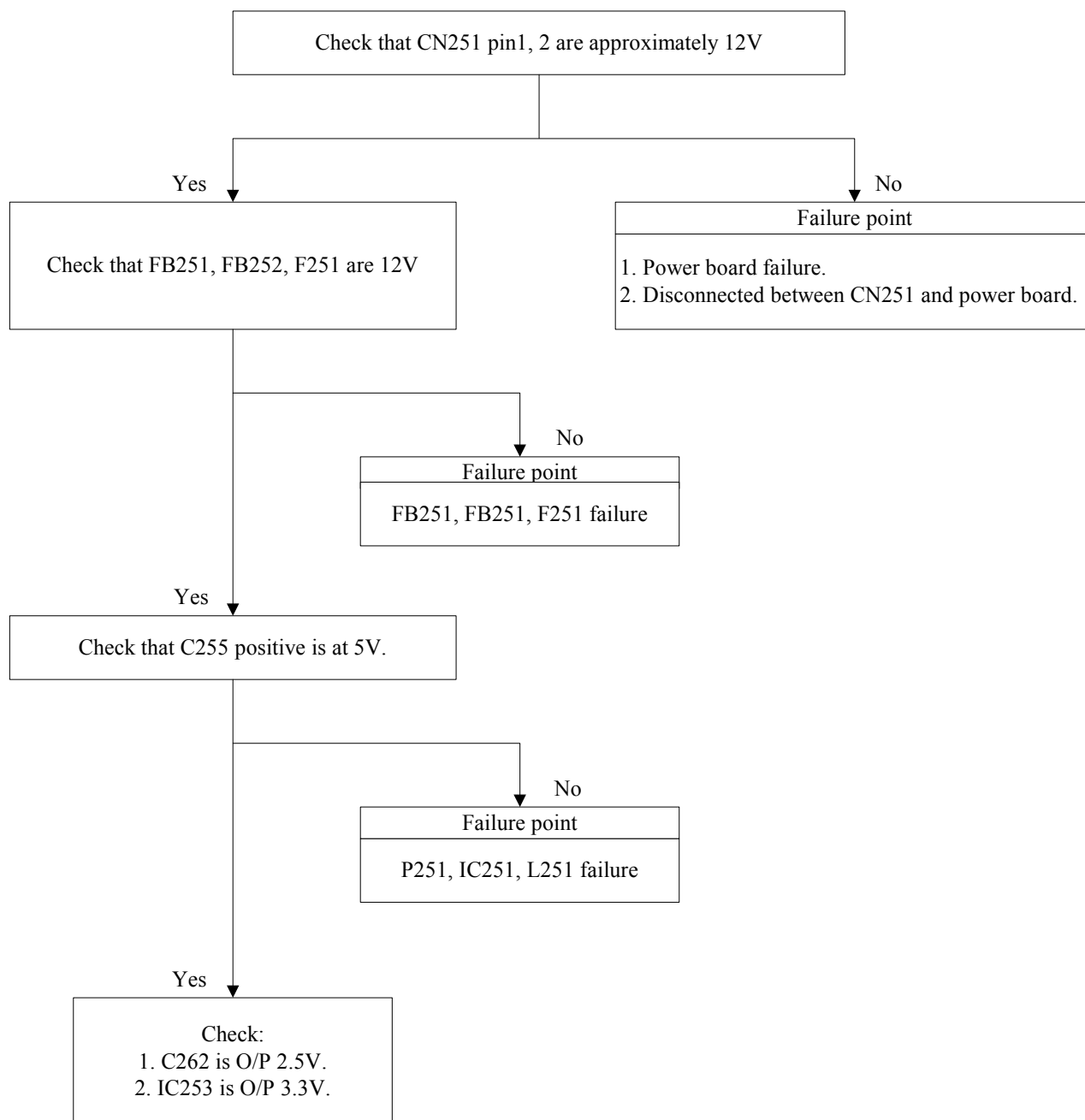
5.2.1.6.2 9300K / 6500K / 5400K / 5000K, the 64 grays can 2steps saturation.

5.2.1.6.3 Input 1280x1024 / 60Hz & 16 grays pattern at 100IRE, adjust brightness 100%, and contrast 100%.

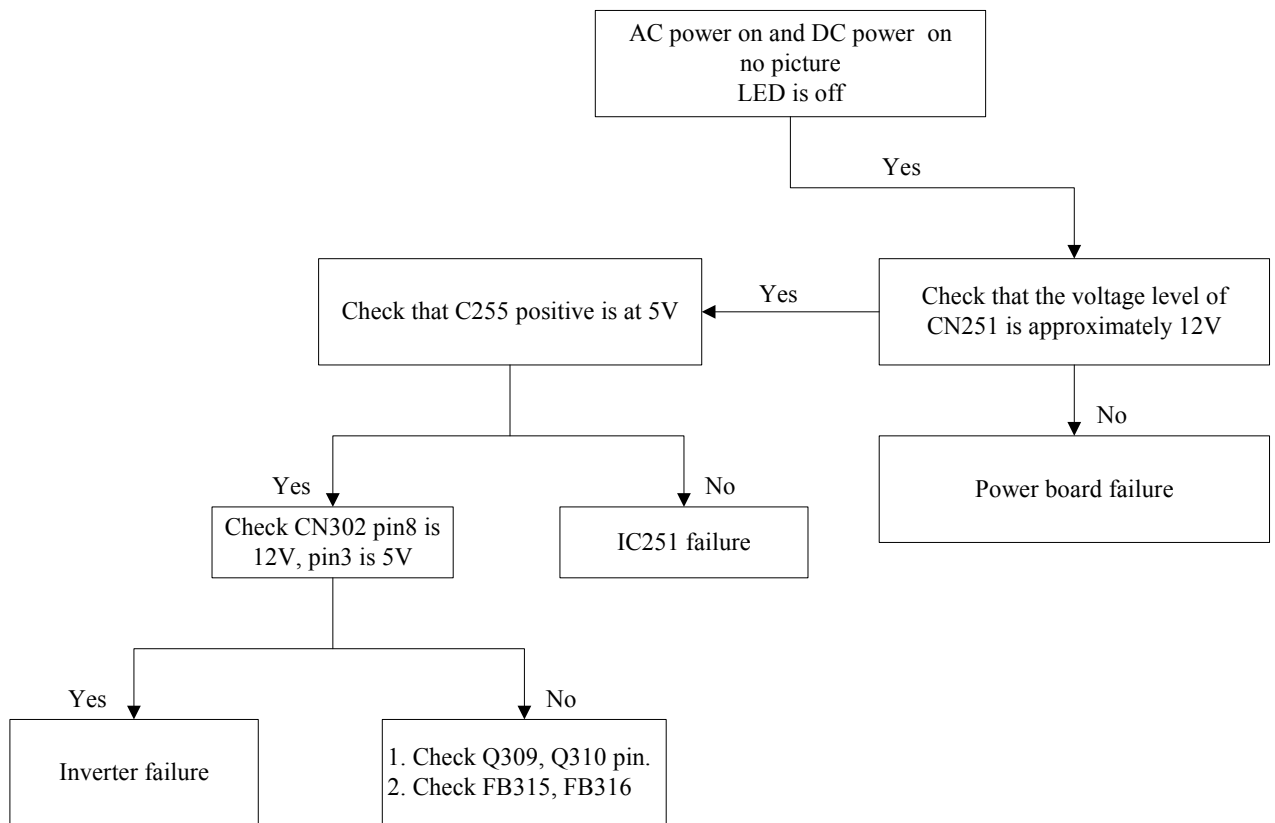
5.2.1.6.4 9300K / 6500K / 5400K / 5000K, the 16 grays only had 4 grays can saturation.

6. Trouble Shooting Flow Chart

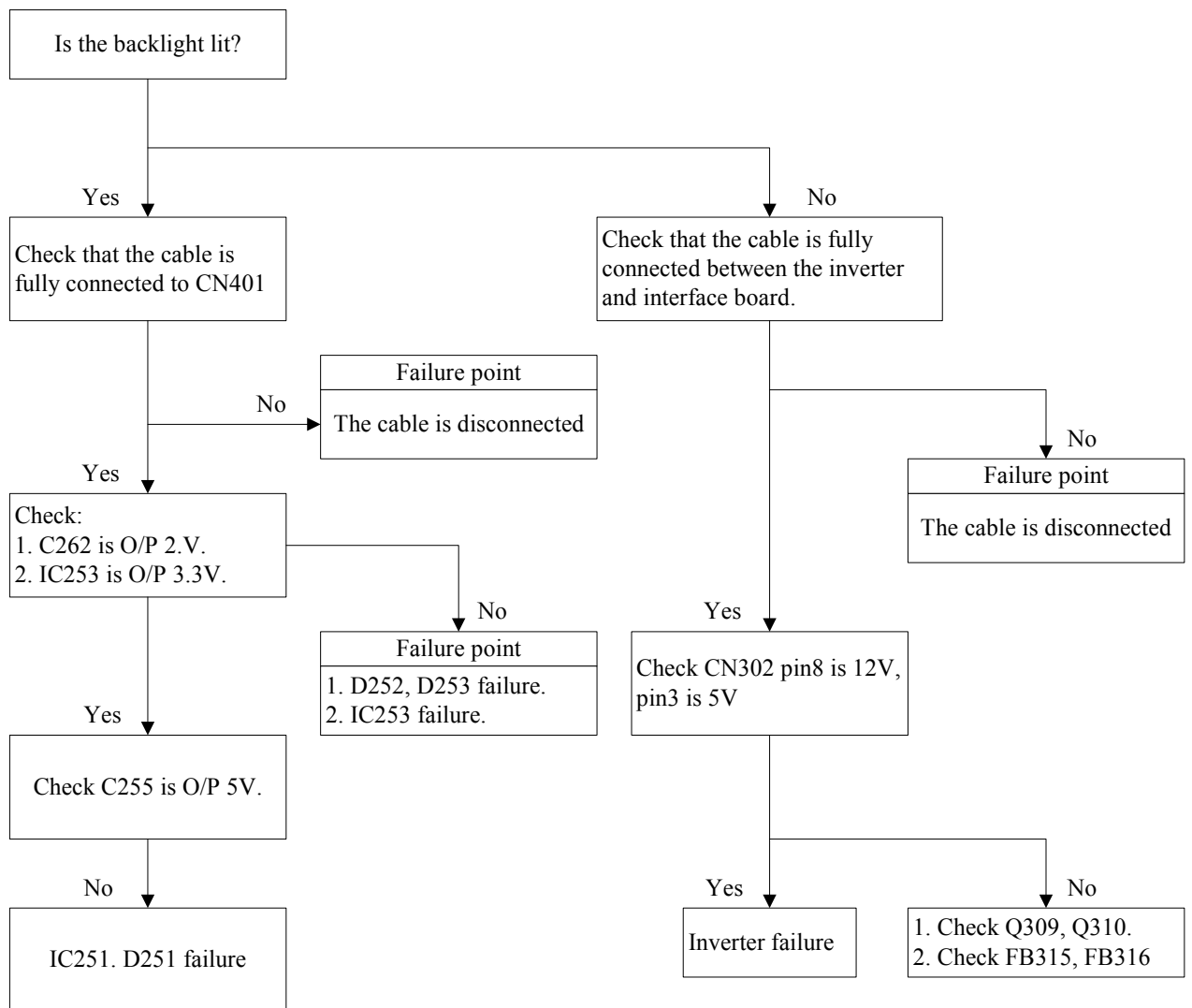
6.1 No power.



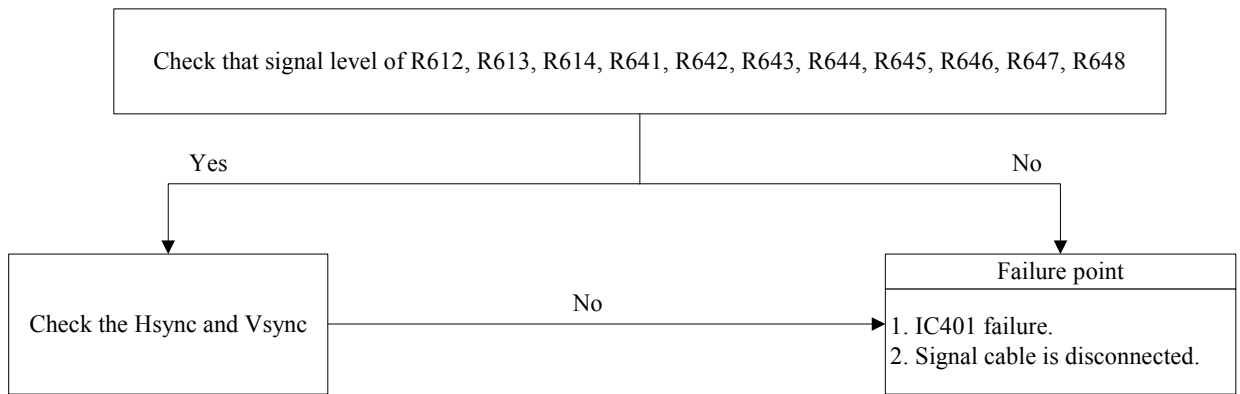
6.2 No display on screen (Screen is black, LED is off).



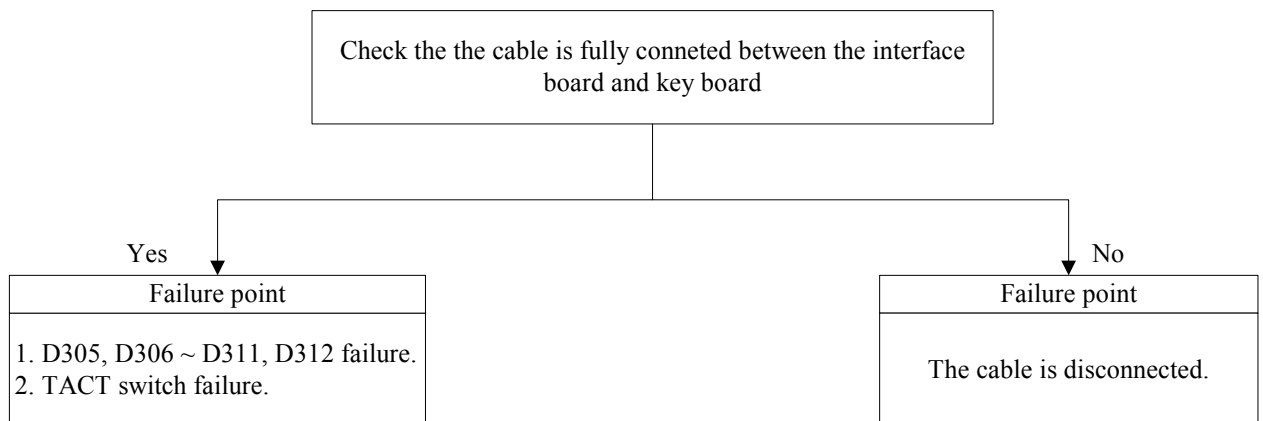
6.3 No display on screen (LED is green).



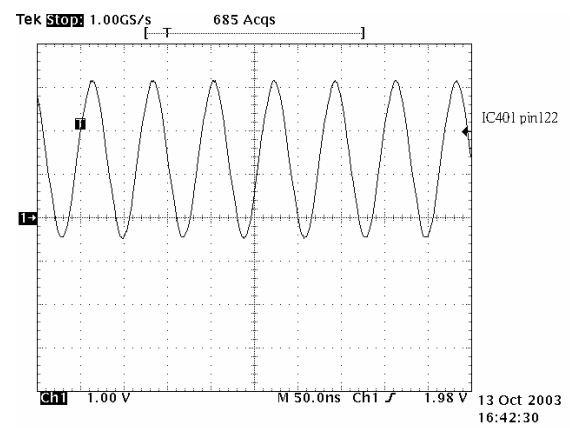
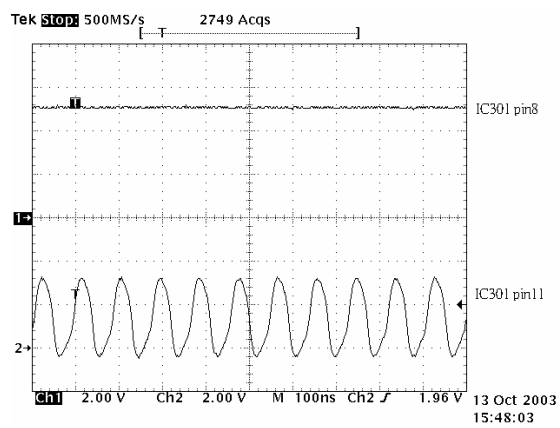
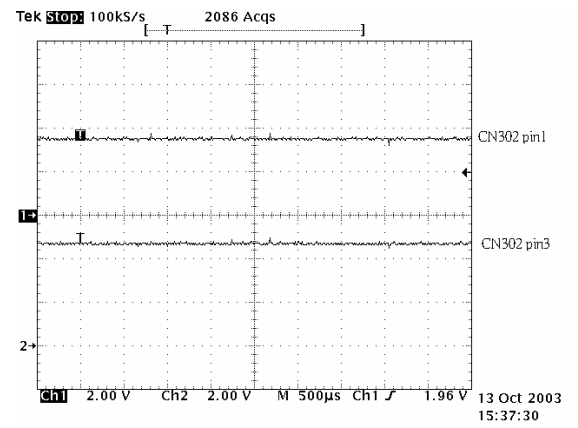
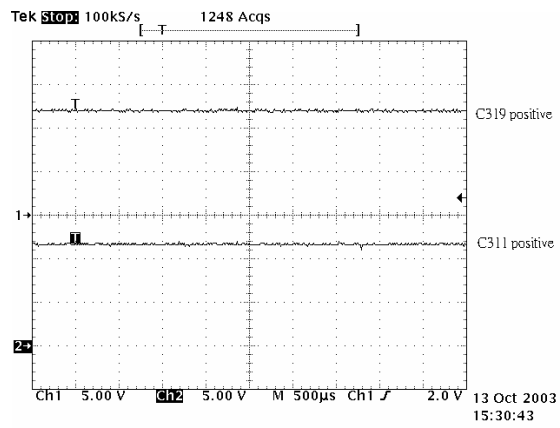
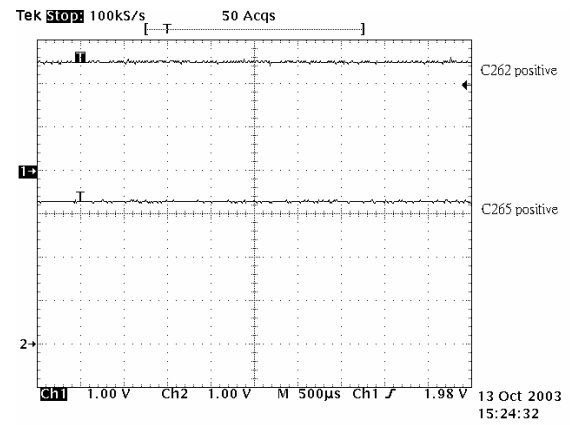
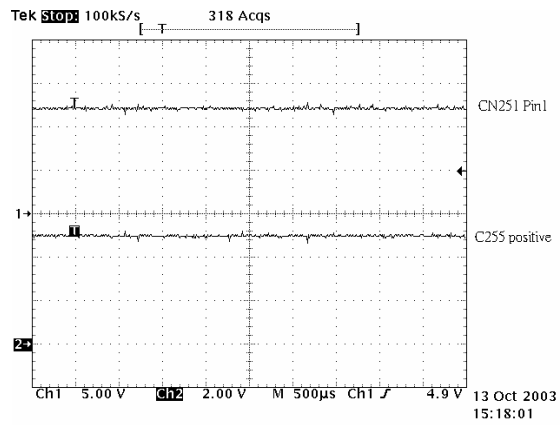
6.4 Show “No signal” on screen.

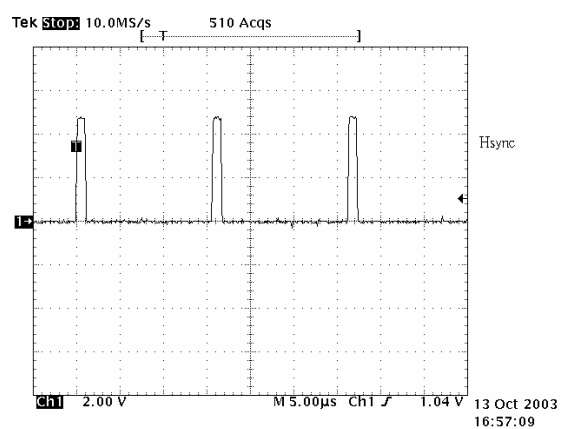
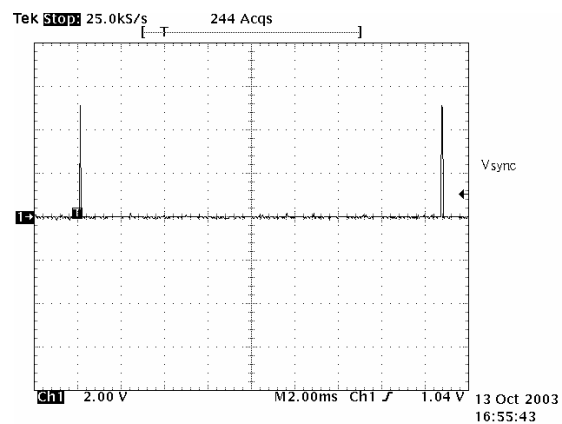
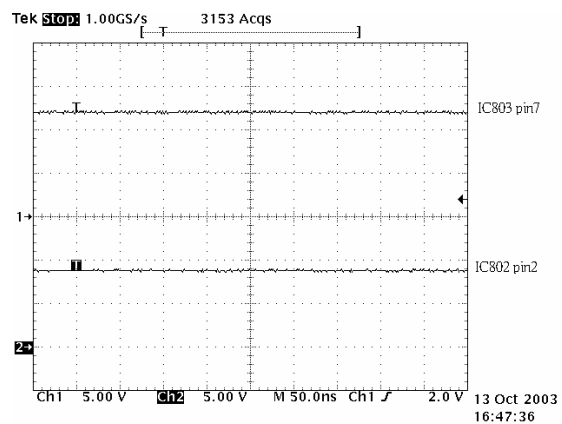


6.5 Keypad cannot work.



6.6 Figure of Waveform





7. Recommended Spare Parts List

VG810b Recommended Spare Parts List

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
1	A-PC-0106-0193	3070000501	AC POWER CORD L1800 BLACK EURO		1
2	A-AU-0120-0033	3080005100	CABLE AUDIO L=1800 BLK PC99		1
3	A-VC-0101-0359	3080426400	CABLE D-SUB/D-SUB L1800 BLK 20276		1
4	A-PC-0106-0150	3090107600	AC POWER CORD L=1800 BLACK UL/CSA		1
5	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	Panel BKT+BKT Hinge, I/F+PANEL BKT,POWER BD+Panel BKT	12
6	M-SCW-0824-0734	3102710800	SCREW M M4*0.7*8 PAN C S S18C ZN YEL	AC SOCKET GND	1
7	M-SCW-0824-0690	3105051501	SCREW M #4-40*7 HEXH #4-40*3 S18C NI	CONN. D-SUB	4
8	M-SCW-0814-0691	3105120100	SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL	STAND ASSY+cabinet back	6
9	M-SCW-0814-0692	3105124000	SCREW M M4*0.7*6 PAN C S18C NI	HINGE R&L+BKT ARM	6
10	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	Cabinet Back+Panel BKT	2
11	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	BKT ATM+BKT BASE	7
12	M-SCW-0824-0776	3105221000	SCREW M M3*0.5*6 FF C S18C ZN	PANEL+Panel BKT	4
13	M-SCW-0824-0778	3105229400	SCREW M M3*0.5*10 FF C S18C ZN		2
14	M-SCW-0824-0007	3109010100	SCREW T f 3*0.5*8 BIND C S18C ZN	I/F BD+IC803	1
15	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	D-SUB BKT+Panel BKT	3
16	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	ARM REAR+BKT ARM	1
17	M-SCW-0814-0694	3109015000	SCREW T f 3*1.27*8 PAN C S20C NI	F/B+K/B	3
18	M-SCW-0824-0620	3109020500	SCREW T f 4*1.6*10 PAN C S18C ZN YEL	Cabinet Back+BKT Hinge	4
19	M-SCW-0824-0620	3109020500	SCREW T f 4*1.6*10 PAN C S18C ZN YEL	ARM FRONT+BKT ARM	4
20	M-SCW-0824-6795	3109023700	SCREW T M4*1.6*8 FPH C S18C ZN YEL	Speaker R&L+F/B	4
21	M-MS-0808-9125	3110110900	NUT M3*0.5 AISI1018		2
22	M-MS-0808-8040	3110250000	WASHER SPRING SWRT	CONN DVI-D	4
23	M-LB-0813-0785	3200158900	LABEL STICKER OD10 WHT HI-POT		1
24	M-LB-0813-0712	3200449700	LABEL WARNING		0.125
25	M-MS-0808-9126	3200655300	NAME PLATE VSC 3-BIRD LOGO AL 14.5*10.0	FOR F/B ,REV:00	1
26	M-MS-0808-9127	3200655500	NAME PLATE AL VIEWSONIC L38 T1.2	FOR F/B ,REV:00	1
27	M-LB-0813-0384	3200712700	LABEL CONTROL 100*90	Stick on pallet	0.063
28	M-LB-0813-0551	3200744000	LABEL BAR CODE 55*15 VSC-G	Stick on flow card ,REV:00	1
29	M-LB-0813-0696	3200753101	LABEL BAR CODE 76*121 VIEWSONIC		1
30	M-LB-0813-0759	3200930800	LABEL VER. CONTROL 20*20 VIEWSONIC	Stick on Carton	0.167
31	M-LB-0813-0912	3201961301	LABEL ID 166*43 VSC VG810B	REV:00	1
32	M-LB-0813-0913	3202005900	LABEL SERIAL 42*11 SONY		1
33	M-LB-0813-0914	3202009100	LABEL REISTRATION 40*16		1
35	M-LB-0813-0915	3202215900	LABEL MCU 11*11 POLYESTER 50#		0.13
36	M-LB-0813-0714	3202310700	LABEL HV WARNING 100*25	FOR I/V SHIELD CAN,REV:00	1
37	M-MS-0808-8303	3211024500	MYLAR 435*350 T.1	F/B ,REV:03	1
38	M-MS-0808-9128	3240216601	INSULATOR PP T.43 60.86*129		1
39	M-MS-0808-8608	3240956400	RUBBER HOLD PLUG OD4.9 H3.2 BLK	CABINET BACK	4
40	PL-PD-0714-0067	3240956800	RUBBER FOOT 81*13*3T BLK	BKT BSAE	2
41	M-MS-0808-8157	3240957400	SPONGE EVA 100*7 T1 BLACK	BASE COVER	1
42	PL-PD-0714-0068	3240957500	RUBBER FOOT 75*10 T3	BKT BASE	2
43	M-MS-0808-8304	3240964900	RUBBER HOLD PLUG OD5.2 H3.8 GRAY	ARM REAR	1
44	M-MS-0808-9129	3241132800	INSULATOR PC T.4 204*40 VG810	CABINET BACK&BK	1
45	C-BC-0302-0562	3360248500	CABINET BACK ABS MIDNIGHT GRAY1 S8LRCILS		1
46	M-CV-0830-2397	3360916700	ARM FRONT ABS MIDNIGHT GRAY VG800B		1
47	M-CV-0830-2508	3360919301	ARM REAR ABS MIDNIGHT GRAY S8LBA2LS		1
48	M-CV-0830-2400	3361205800	COVER BASE ABS MIDNIGHT GRAY VG800B		1
49	C-BC-0302-0563	3368208501	R/C ASSY L18FMW05AAB S8LRCILS		1
50	C-FP-0301-9917	3368302801	F/B ASSY L18FMW05ABB S8LFCILS		1
51	M-MS-0808-8162	3421024500	CABLE CLAMP GROUNDING SPCC T.3mm	K/B WIRE	1
52	PL-CL-0710-0034	3421095601	CLIP SUS301 T=0.4		1
53	M-BK-0805-0061	3460144800	BRACKET CONN SECC 41.7*30 T0.6	PANEL BKT+LVDS CABLE	1
54	M-MS-0808-8561	3460146100	BRACKET VESA SECC 110*20 T1	CABINET BACK	2
55	M-MS-0808-8563	3460146300	BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6	CABINET BACK	1
56	M-BK-0805-0038	3460163101	BRACKET D-SUB SECC 278.8*23.8 T.8		1
57	M-BK-0805-0039	3460163402	BRACKET PANEL SECC 394.8*324.4 T.8 LG		1
58	M-BK-0805-0040	3460163502	BRACKET HINGE SECC 204*63.5 T1.2		1
59	M-BK-0805-0041	3461234204	SHIELD CAN IF SPTE 296.3*198.7 T.3		1

VG810b Recommended Spare Parts List

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
60	M-BK-0805-0042	3461234301	SHIELD CAN SPTE 226*62.8*18 T.3		1
61	M-MS-0808-9130	3461752700	HINGE-R SUS304 62*20 T2		1
62	M-MS-0808-9131	3461752800	HINGE-L SUS304 62*20 T2		1
63	M-BK-0805-0043	3461753201	BRACKET ARM SECC 156*126.1*153.6 T2		1
64	M-BK-0805-0044	3461753301	BRACKET BASE SECC 266.6*161.4 T2		1
65	M-MS-0808-8643	3472851200	CONDUCTIVE SPONGE 30*8.5*10	I/F DVI VOTTOM SIDE(EMI)	1
66	P-FM-0602-0836	3500116101	END BLOCK-BOTTOM L18FMW05AAB 704/40'		1
67	P-FM-0602-0837	3500116201	END BLOCK-TOP L18FMW05AAB 704/40'		1
68	M-MS-0808-9132	3500932402	PE BAG 640*580*.06T CLEAR		1
69	M-MS-0808-8762	3500937501	PE BAG 300*200*0.06T	PACKING CABLE*4	1
70	M-MS-0808-9133	3510878400	CAP PAPER 1140*1050*120	BY SEA FOR 32 S	0.032
71	M-MS-0808-9134	3511208400	ANGLE PAPER 2190*55*55 T5		0.125
72	P-BX-0601-0923	3512252000	CARTON 556*252*522 VSC VG810B	3% FOR SPARE PA	1
73	M-MS-0808-8396	3520094201	PE BAG 260*155*0.1T		1
74	A-CD-VG810B	3532078200	CD-ROM VSC A-CD-VG810B-1	PUT IN MANUAL P	1
75	M-MS-0808-9135	3610171802	AC SOCKET ASSY VG810S		1
76	M-WR-0828-6619	3670479600	WIRE WITH HOUSING 2547 #28 L500 4P	I/F TO SPEAKER	1
77	M-WR-0828-6620	3679007300	WIRE WITH HOUSING 20276 #30 L100 30P	PANEL TO I/F	1
78	M-WR-0828-6621	3679007400	WIRE WITH HOUSING 20276 #30 L380 12P	I/F TO K/B	1
79	E-SK-0412-0086	3790182900	SPEAKER ASSY L18FMR05AAB		2
80	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		0.131
81	M-MS-0808-9136	3532076701	MANUAL PACKING ASSY VSC VG810B		1
82	M-LCD-0826-0161	5051801050	LCD 18.1" TFT PANEL XGA(LM181E06-A4M5)		1
83	B-IF-0222-0052	5600110123	LCD I/F BD ASSY L18FMR 05AAB		1
84	B-KB-0207-0045	5600110124	LCD FUN KEY BD ASSY L18FMR 05AAB		1
85	B-PS-0204-0058	5600110125	LCD POWER BD ASSY L18FMR 05AAB		1
86	B-SB-0221-0589	5600110126	LCD INVERTER BD ASSY L18FMR 05AAB		1

VG810s Recommended Spare Parts List

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
1	A-PC-0106-0193	3070000501	AC POWER CORD L1800 BLACK EURO		1
2	A-AU-0120-0033	3080005100	CABLE AUDIO L=1800 BLK PC99		1
3	A-VC-0101-0359	3080426400	CABLE D-SUB/D-SUB L1800 BLK 20276		1
4	A-PC-0106-0150	3090107600	AC POWER CORD L=1800 BLACK UL/CSA		1
5	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	Panel BKT+BKT Hinge, I/F+PANEL BKT,POWER BD+Panel BKT	12
6	M-SCW-0824-0734	3102710800	SCREW M M4*0.7*8 PAN C S S18C ZN YEL	AC SOCKET GND	1
7	M-SCW-0824-0690	3105051501	SCREW M #4-40*7 HEXH #4-40*3 S18C NI	CONN. D-SUB	4
8	M-SCW-0814-0691	3105120100	SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL	STAND ASSY+cabinet back	6
9	M-SCW-0814-0692	3105124000	SCREW M M4*0.7*6 PAN C S18C NI	HINGE R&L+BKT ARM	6
10	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	Cabinet Back+Panel BKT	2
11	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	BKT ATM+BKT BASE	7
12	M-SCW-0824-0776	3105221000	SCREW M M3*0.5*6 FF C S18C ZN	PANEL+Panel BKT	4
13	M-SCW-0824-0778	3105229400	SCREW M M3*0.5*10 FF C S18C ZN		2
14	M-SCW-0824-0007	3109010100	SCREW T f 3*0.5*8 BIND C S18C ZN	I/F BD+IC803	1
15	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	D-SUB BKT+Panel BKT	3
16	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	ARM REAR+BKT ARM	1
17	M-SCW-0814-0694	3109015000	SCREW T f 3*1.27*8 PAN C S20C NI	F/B+K/B	3
18	M-SCW-0824-0620	3109020500	SCREW T f 4*1.6*10 PAN C S18C ZN YEL	Cabinet Back+BKT Hinge	4
19	M-SCW-0824-0620	3109020500	SCREW T f 4*1.6*10 PAN C S18C ZN YEL	ARM FRONT+BKT ARM	4
20	M-SCW-0824-6795	3109023700	SCREW T M4*1.6*8 FPH C S18C ZN YEL	Speaker R&L+F/B	4
21	M-MS-0808-9125	3110110900	NUT M3*0.5 AISI1018		2
22	M-MS-0808-8040	3110250000	WASHER SPRING SWRT	CONN DVI-D	4
23	M-LB-0813-0785	3200158900	LABEL STICKER OD10 WHT HI-POT		1
24	M-LB-0813-0712	3200449700	LABEL WARING		0.125
25	M-MS-0808-9126	3200655300	NAME PLATE VSC 3-BIRD LOGO AL 14.5*10.0	FOR F/B ,REV:00	1
26	M-MS-0808-9127	3200655500	NAME PLATE AL VIEWSONIC L38 T1.2	FOR F/B ,REV:00	1
27	M-LB-0813-0384	3200712700	LABEL CONTROL 100*90	Stick on pallet	0.063
28	M-LB-0813-0551	3200744000	LABEL BAR CODE 55*15 VSC-G	Stick on flow card ,REV:00	1
29	M-LB-0813-0696	3200753101	LABEL BAR CODE 76*121 VIEWSONIC		1
30	M-LB-0813-0759	3200930800	LABEL VER. CONTROL 20*20 VIEWSONIC	Stick on Carton	0.167
31	M-LB-0813-0916	3201961201	LABEL ID 166*43 VSC VG810S	REV:00	1
32	M-LB-0813-0913	3202005900	LABEL SERIAL 42*11 SONY		1
33	M-LB-0813-0914	3202009100	LABEL REISTRATION 40*16		1
34	M-LB-0813-0900	3202011000	LABEL SERIES PANEL 42*11 T0.05	FOR STICK ON Travel Card	1
35	M-LB-0813-0915	3202215900	LABEL MCU 11*11 POLYESTER 50#		0.13
36	M-LB-0813-0714	3202310700	LABEL HV WARNING 100*25	FOR I/V SHIELD CAN,REV:00	1
37	M-MS-0808-8303	3211024500	MYLAR 435*350 T.1	F/B ,REV:03	1
38	M-MS-0808-9128	3240216601	INSULATOR PP T.43 60.86*129		1
39	M-MS-0808-8608	3240956400	RUBBER HOLD PLUG OD4.9 H3.2 BLK	CABINET BACK	4
40	PL-PD-0714-0067	3240956800	RUBBER FOOT 81*13*3T BLK	BKT BSAE	2
41	M-MS-0808-8157	3240957400	SPONGE EVA 100*7 T1 BLACK	BASE COVER	1
42	PL-PD-0714-0068	3240957500	RUBBER FOOT 75*10 T3	BKT BASE	2
43	M-MS-0808-9137	3240977700	RUBBER HOLE PULG OD11.4 ID6.5 T7.36 BLK	ARM REAR	1
44	M-MS-0808-9129	3241132800	INSULATOR PC T.4 204*40 VG810	CABINET BACK&BK	1
45	C-BC-0302-0564	3360248000	CABINET BACK ABS 41 S8LRC1LS		1
46	M-CV-0830-2381	3360916300	ARM FRONT ABS 41 VX700-2		1
47	M-CV-0830-2509	3360919201	ARM COVER REAR ABS 41 S8LBA2LS		1
48	M-CV-0830-2394	3361205900	COVER BASE ABS 41 VG800-2		1
49	C-BC-0302-0565	3368216601	R/C ASSY L18FMW05AAB S8LRC1LS		1
50	C-FP-0301-9919	3368302101	F/B ASSY L18FMR05AAB S8LFC1LS		1
51	M-MS-0808-8162	3421024500	CABLE CLAMP GROUNDING SPCC T.3mm	K/B WIRE	1
52	PL-CL-0710-0034	3421095601	CLIP SUS301 T=0.4		1
53	M-BK-0805-0061	3460144800	BRACKET CONN SECC 41.7*30 T0.6	PANEL BKT+LVDS CABLE	1
54	M-MS-0808-8561	3460146100	BRACKET VESA SECC 110*20 T1	CABINET BACK	2
55	M-MS-0808-8563	3460146300	BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6	CABINET BACK	1
56	M-BK-0805-0038	3460163101	BRACKET D-SUB SECC 278.8*23.8 T.8		1
57	M-BK-0805-0039	3460163402	BRACKET PANEL SECC 394.8*324.4 T.8 LG		1
58	M-BK-0805-0040	3460163502	BRACKET HINGE SECC 204*63.5 T1.2		1
59	M-BK-0805-0041	3461234204	SHIELD CAN IF SPTE 296.3*198.7 T.3		1
60	M-BK-0805-0042	3461234301	SHIELD CAN SPTE 226*62.8*18 T.3		1
61	M-MS-0808-9130	3461752700	HINGE-R SUS304 62*20 T2		1
62	M-MS-0808-9131	3461752800	HINGE-L SUS304 62*20 T2		1
63	M-BK-0805-0043	3461753201	BRACKET ARM SECC 156*126.1*153.6 T2		1
64	M-BK-0805-0044	3461753301	BRACKET BASE SECC 266.6*161.4 T2		1
65	M-MS-0808-8643	3472851200	CONDUCTIVE SPONGE 30*8.5*10	I/F DVI VOTTOM SIDE(EMI)	1

VG810s Recommended Spare Parts List

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
66	P-FM-0602-0836	3500116101	END BLOCK-BOTTOM L18FMW05AAB 704/40'		1
67	P-FM-0602-0837	3500116201	END BLOCK-TOP L18FMW05AAB 704/40'		1
68	M-MS-0808-9132	3500932402	PE BAG 640*580*.06T CLEAR		1
69	M-MS-0808-8762	3500937501	PE BAG 300*200*0.06T	PACKING CABLE*4	1
70	M-MS-0808-9133	3510878400	CAP PAPER 1140*1050*120	BY SEA FOR 32 S	0.032
71	M-MS-0808-9134	3511208400	ANGLE PAPER 2190*55*55 T5		0.125
72	P-BX-0601-0924	3512250200	CARTON 565*265*525 VSC VG810S L18FMR05AA	3% FOR SPARE PA	1
73	M-MS-0808-8396	3520094201	PE BAG 260*155*0.1T		1
74	A-CD-VG810S	3532076800	CD-ROM VSC A-CD-VG810S-1	PUT IN MANUAL P	1
75	M-MS-0808-9135	3610171802	AC SOCKET ASSY VG810S		1
76	M-WR-0828-6619	3670479600	WIRE WITH HOUSING 2547 #28 L500 4P	I/F TO SPEAKER	1
77	M-WR-0828-6620	3679007300	WIRE WITH HOUSING 20276 #30 L100 30P	PANEL TO I/F	1
78	M-WR-0828-6621	3679007400	WIRE WITH HOUSING 20276 #30 L380 12P	I/F TO K/B	1
79	E-SK-0412-0086	3790182900	SPEAKER ASSY L18FMR05AAB		2
80	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		0.131
81	M-MS-0808-9138	5011097100	MANUAL QUICK START GUIDE VSC VG810S		1
82	M-LCD-0826-0161	5051801050	LCD 18.1" TFT PANEL XGA(LM181E06-A4M5)		1
83	B-IF-0222-0052	5600110123	LCD I/F BD ASSY L18FMR 05AAB		1
84	B-KB-0207-0045	5600110124	LCD FUN KEY BD ASSY L18FMR 05AAB		1
85	B-PS-0204-0058	5600110125	LCD POWER BD ASSY L18FMR 05AAB		1
86	B-SB-0221-0589	5600110126	LCD INVERTER BD ASSY L18FMR 05AAB		1

VG810b BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
1	A-PC-0106-0193	3070000501	AC POWER CORD L1800 BLACK EURO		1
2	A-AU-0120-0033	3080005100	CABLE AUDIO L=1800 BLK PC99		1
3	A-VC-0101-0359	3080426400	CABLE D-SUB/D-SUB L1800 BLK 20276		1
4	A-PC-0106-0150	3090107600	AC POWER CORD L=1800 BLACK UL/CSA		1
5	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	Panel BKT+BKT Hinge	2
6	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	I/F+PANEL BKT	4
7	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	POWER BD+Panel BKT	4
8	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	I/V+PANEL BKT	2
9	M-SCW-0824-0734	3102710800	SCREW M M4*0.7*8 PAN C S S18C ZN YEL	AC SOCKET GND	1
10	M-SCW-0824-0690	3105051501	SCREW M #4-40*7 HEXH #4-40*3 S18C NI	CONN. D-SUB	2
11	M-SCW-0824-0690	3105051501	SCREW M #4-40*7 HEXH #4-40*3 S18C NI	CONN. DVI-D	2
12	M-SCW-0814-0691	3105120100	SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL	STAND ASSY+cabinet back	6
13	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	Cabinet Back+Panel BKT	2
14	M-SCW-0824-0776	3105221000	SCREW M M3*0.5*6 FF C S18C ZN	PANEL+Panel BKT	4
15	M-SCW-0824-0007	3109010100	SCREW T f 3*0.5*8 BIND C S18C ZN	I/F BD+IC803	1
16	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	CABLE CLAMP+PANEL BKT	1
17	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	I/V SHIELD+Panel BKT	1
18	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	D-SUB BKT+Shield Can	4
19	M-SCW-0814-0694	3109015000	SCREW T f 3*1.27*8 PAN C S20C NI	F/B+K/B	3
20	M-SCW-0824-0620	3109020500	SCREW T f 4*1.6*10 PAN C S18C ZN YEL	Cabinet Back+BKT Hinge	4
21	M-SCW-0824-6795	3109023700	SCREW T M4*1.6*8 FPH C S18C ZN YEL	Speaker R&L+F/B	4
22	M-MS-0808-8040	3110250000	WASHER SPRING SWRT	CONN DVI-D	2
23	M-MS-0808-8040	3110250000	WASHER SPRING SWRT	CONN D-SUB	2
24	M-LB-0813-0785	3200158900	LABEL STICKER OD10 WHT HI-POT		1
25	M-LB-0813-0712	3200449700	LABEL WARING	BY AIR SHIPPING	0.125
26	M-MS-0808-9126	3200655300	NAME PLATE VSC 3-BIRD LOGO AL 14.5*10.0	FOR F/B .REV:00	1
27	M-MS-0808-9127	3200655500	NAME PLATE AL VIEWSONIC L38 T1.2	FOR F/B .REV:00	1
28	M-LB-0813-0384	3200712700	LABEL CONTROL 100*90	Stick on pallet	0.063
29	M-LB-0813-0551	3200744000	LABEL BAR CODE 55*15 VSC-G	Stick on flow card	1
30	M-LB-0813-0696	3200753101	LABEL BAR CODE 76*121 VIEWSONIC		1
31	M-LB-0813-0759	3200930800	LABEL VER. CONTROL 20*20 VIEWSONIC	Stick on Carton	0.167
32	M-LB-0813-0912	3201961301	LABEL ID 166*43 VSC VG810B		1
33	M-LB-0813-0900	3202011000	LABEL SERIES PANEL 42*11 T0.05	FOR STICK ON Travel Card	1
34	M-LB-0813-0714	3202310700	LABEL HV WARNING 100*25	FOR I/V SHIELD	1
35	M-MS-0808-8303	3211024500	MYLAR 435*350 T.1		1
36	M-MS-0808-8202	3220133600	TAPE W=10 #1350F-1 3M		0.2
37	#N/A	3220161733	TAPE W=20 #3800A NITTO		0.09
38	#N/A	3220182510	TAPE W=28 2L #1350F-1 3M	STICK ON PANEL BKT POWER BD AT EA R&L SID	0.22
39	M-MS-0808-7810	3220605633	TAPE W=45 #7290 NITTO	F/B	0.128
40	M-MS-0808-4975	3221101500	TAPE W=76 PP47 914M 4P		0.8
41	#N/A	3222201300	TAPE AL FOIL W=25 #80023 CATERON	STICK ON CABLE AUDIO&I/V SHIELD CAN 50mm	0.05
42	M-MS-0808-8608	3240956400	RUBBER HOLD PLUG OD4.9 H3.2 BLK	CABINET BACK	4
43	M-MS-0808-9129	3241132800	INSULATOR PC T.4 204*40 VG810	CABINET BACK&BK T D-SUB	1
44	M-MS-0808-7754	3343705302	HSK AL T=1.5 21*9	IC803	1
45	C-BC-0302-0562	3360248500	CABINET BACK ABS MIDNIGHT GRAY1 S8LRC1LS		1
46	C-BC-0302-0563	3368208501	R/C ASSY L18FMW05AAB S8LRC1LS		1
47	M-MS-0808-7747	3200649300	NAME PLATE VIEWSONIC ABS94HB MIDNIGHT GR		1
48	#N/A	3360248601	R/C ABS MIDNIGHT GRAY1 S8LRC1LS		1
49	C-FP-0301-9917	3368302801	F/B ASSY L18FMW05ABB S8LFC1LS		1
50	PL-FK-0709-0150	3360732801	FUNCTION KEY ABS CR S8LFC1LS		1
51	#N/A	3368992301	STAND ASSY L18FMW05ABB S8LBA1AT SERVICE		1
52	M-SCW-0814-0692	3105124000	SCREW M M4*0.7*6 PAN C S18C NI	HINGE R&L+BKT ARM	6
53	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	BKT ATM+BKT BASE	3
54	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	BKT BASE+COVER BASE	4
55	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	ARM REAR+BKT ARM	1
56	M-SCW-0824-0620	3109020500	SCREW T f 4*1.6*10 PAN C S18C ZN YEL	ARM FRONT+BKT ARM	4
57	PL-PD-0714-0067	3240956800	RUBBER FOOT 81*13*3T BLK	BKT BSAE	2
58	M-MS-0808-8157	3240957400	SPONGE EVA 100*7 T1 BLACK	BASE COVER	1
59	PL-PD-0714-0068	3240957500	RUBBER FOOT 75*10 T3	BKT BASE	2
60	M-MS-0808-9137	3240977700	RUBBER HOLE PULG OD11.4 ID6.5 T7.36 BLK	ARM REAR	1
61	M-CV-0830-2397	3360916700	ARM FRONT ABS MIDNIGHT GRAY VG800B-2		1
62	M-CV-0830-2508	3360919301	ARM REAR ABS MIDNIGHT GRAY S8LBA2LS		1
63	M-CV-0830-2394	3361205900	COVER BASE ABS 41 VG800-2		1
64	M-MS-0808-8612	3461750602	HINGE SUB ASSY R L19EMW05BAW		1
65	M-MS-0808-8613	3461750702	HINGE SUB ASSY L L19EMW05BAW		1
66	M-MS-0808-9130	3461752700	HINGE-R SUS304 62*20 T2		1
67	M-MS-0808-9131	3461752800	HINGE-L SUS304 62*20 T2		1

VG810b BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
68	M-BK-0805-0043	3461753201	BRACKET ARM SECC 156*126.1*153.6 T2		1
69	M-BK-0805-0044	3461753301	BRACKET BASE SECC 266.6*161.4 T2		1
70	M-MS-0808-8162	3421024500	CABLE CLAMP GROUNDING SPCC T.3mm	K/B WIRE	1
71	M-BK-0805-0061	3460144800	BRACKET CONN SECC 41.7*30 T0.6	PANEL BKT+LVDS CABLE	1
72	M-MS-0808-8561	3460146100	BRACKET VESA SECC 110*20 T1	CABINET BACK	2
73	M-MS-0808-8563	3460146300	BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6	CABINET BACK	1
74	M-BK-0805-0038	3460163101	BRACKET D-SUB SECC 278.8*23.8 T.8		1
75	M-BK-0805-0039	3460163402	BRACKET PANEL SECC 394.8*324.4 T.8 LG		1
76	M-BK-0805-0040	3460163502	BRACKET HINGE SECC 204*63.5 T1.2		1
77	M-BK-0805-0041	3461234204	SHIELD CAN IF SPTE 296.3*198.7 T.3		1
78	M-BK-0805-0042	3461234301	SHIELD CAN SPTE 226*62.8*18 T.3		1
79	M-MS-0808-8643	3472851200	CONDUCTIVE SPONGE 30*8.5*10	I/F DVI VOTTOM SIDE(EMI)	1
80	P-FM-0602-0836	3500116101	END BLOCK-BOTTOM L18FMW05AAB 704/40'		1
81	P-FM-0602-0837	3500116201	END BLOCK-TOP L18FMW05AAB 704/40'		1
82	M-MS-0808-9132	3500932402	PE BAG 640*580*.06T CLEAR	3% SPARE PARTS	1
83	M-MS-0808-8762	3500937501	PE BAG 300*200*0.06T		1
84	#N/A	3510441600	TRAY 1166*1076*142H(INSIDE) VX900	AIR SHIPPING	0.125
85	M-LCD-0826-0127	3510552100	TUBE 1156*1066*1050(H) LCD 19"	BY AIR SHIPPING	0.063
86	M-MS-0808-9133	3510878400	CAP PAPER 1140*1050*120	BY SEA FOR 32 SETS/PALLET	0.032
87	M-MS-0808-9134	3511208400	ANGLE PAPER 2190*55*55 T5		0.125
88	P-BX-0601-0923	3512252000	CARTON 556*252*522 VSC VG810B	3% FOR SPARE PARTS	1
89	#N/A	3520026001	PALLET FUMIGATE 1070*1140*120	BY AIR SHIPPING FOR 32SETS/PALLET	0.063
90	#N/A	3520026001	PALLET FUMIGATE 1070*1140*120	BY SEA FOR 16SETS/PALLET	0.032
91	M-MS-0808-5135	3520082400	PE FILM t=0.02mm W=500		0.04
92	M-MS-0808-7819	3520084000	PE SHEET 1800*1600*0.15	BY AIR SHIPPING	0.063
93	M-MS-0808-7820	3520130500	DRYER 15G 80*60	REV:00	2
94	PL-SP-0723-0002	3520142700	PLASTIC STRIP W=12 T.5 BLACK		1
95	M-MS-0808-9136	3532076701	MANUAL PACKING ASSY VSC VG810B	PUT ON CARTON	1
96	M-MS-0808-8396	3520094201	PE BAG 260*155*0.1T		1
97	M-MS-0808-9136	3532076701	MANUAL QUICK START GUIDE VSC VG810S		1
98	A-CD-VG810B	3532078200	CD-ROM VSC A-CD-VG810B-1	PUT IN MANUAL PACKING ASSY	1
99	M-MS-0808-9135	3610171802	AC SOCKET ASSY VG810S		1
100	M-WR-0828-6619	3670479600	WIRE WITH HOUSING 2547 #28 L500 4P	I/F TO SPEAKER	1
101	M-WR-0828-6620	3679007300	WIRE WITH HOUSING 20276 #30 L100 30P	PANEL TO I/F	1
102	M-WR-0828-6621	3679007400	WIRE WITH HOUSING 20276 #30 L380 12P	I/F TO K/B	1
103	E-SK-0412-0086	3790182900	SPEAKER ASSY L18FMR05AAB		2
104	M-LCD-0826-0161	5051801050	LCD 18.1" TFT PANEL XGA		1
105	B-IF-0222-0052	5600110123	LCD I/F BD ASSY L18FMR 05AAB		1
106	#N/A	2510337297	IC 8051 UP WITH ISP PLCC-44P		1
107	#N/A	5015014602	FIRMWARE M/F:VG810B_1003.HEX(43D6)		1
108	#N/A	2970039802	PWB D0 FR-4 145*117 (I/F BD)		1
109	M-LB-0813-0913	3202005900	LABEL SERIAL 42*11 SONY	FOR STICK ON I/F BD	1
110	M-LB-0813-0914	3202009100	LABEL REISTRATION 40*16		1
111	M-LB-0813-0915	3202215900	LABEL MCU 11*11 POLYESTER 50#		0.13
112	M-MS-0808-9141	3240296500	THERMAL PAD SILICONE 20*14 T2	IC401	1
113	B-KB-0207-0045	5600110124	LCD FUN KEY BD ASSY L18FMR 05AAB		1
114	#N/A	2970039902	PWB S0 FR-1 140*24.3 (KEY BD)		1
115	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		0.131
116	B-PS-0204-0058	5600110125	LCD POWER BD ASSY L18FMR 05AAB		1
117	#N/A	2970040002	PWB S0 CEM-1 125*60 (PWR BD)		1
118	M-SCW-0824-0778	3105229400	SCREW M M3*0.5*10 FF C S18C ZN		2
119	M-MS-0808-9125	3110110900	NUT M3*0.5 AISI1018		2
120	M-MS-0808-8202	3220133600	TAPE W=10 #1350F-1 3M	STICK ON INSULA TOR(32402166XX)	0.15
121	M-MS-0808-9128	3240216601	INSULATOR PP T.43 60.86*129		1
122	PL-CL-0710-0034	3421095601	CLIP SUS301 T=0.4		1
123	B-SB-0221-0589	5600110126	LCD INVERTER BD ASSY L18FMR 05AAB		1
124	#N/A	2970040102	PWB D0 FR-4 179*40 (INVERTER BD)		1
125	E-R-0405-5763	23100000	RES CF 1/2W 10 J	R112	1
126	#N/A	133104000	RES MOF 1W 100K J	R101	1
127	#N/A	143399000	RES MOF 2W .39 J	R103	1
128	E-R-0405-6645	190204200	RES FUSING MF 1/2W .1 J	R108	1
129	#N/A	313000000	RES CH 1/4W ZERO J 1206	J2, R109, R116, R219, R40	5
130	#N/A	313100000	RES CH 1/4W 10 J 1206	R115	1
131	#N/A	313101000	RES CH 1/4W 100 J 1206	R201, R202	2
132	#N/A	313121000	RES CH 1/4W 120 J 1206	R801, R828	2
133	#N/A	313125000	RES CH 1/4W 1.2M J 1206	R111, R113	2

VG810b BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
134	#N/A	313331000	RES CH 1/4W 330 J 1206	R44	1
135	#N/A	313471000	RES CH 1/4W 470 J 1206	R205	1
136	#N/A	313514000	RES CH 1/4W 510K J 1206	R104, R105, R106, R107	4
137	#N/A	341053300	RES CH 1/10W 5.6K F 0603	R20	1
138	#N/A	341062300	RES CH 1/10W 15K F 0603	R261	1
139	E-R-0405-7034	341077300	RES CH 1/10W 47K F 0603	R262	1
140	E-R-0405-7037	341079300	RES CH 1/10W 51K F 0603	R12,R16	2
141	#N/A	341109100	RES CH 1/8W 1.96K F 0805	R215	1
142	#N/A	341113300	RES CH 1/10W 2K F 0603	R41,R45	2
143	#N/A	341185100	RES CH 1/8W 7.5K F 0805	R209	1
144	#N/A	341271300	RES CH 1/10W 422 F 0603	R23, R25, R27, R32, R34, R36	6
145	#N/A	341346300	RES CH 1/10W 59K F 0603	R21	1
146	E-R-0405-7038	341421300	RES CH 1/10W 560 F 0603	R22, R24, R26, R31, R33, R35	6
147	#N/A	341427300	RES CH 1/10W 39K F 0603	R13,R17	2
148	#N/A	341448300	RES CH 1/10W 392 F 0603	R401	1
149	E-R-0405-7041	343000300	RES CH 1/10W ZERO J 0603	R641, R642, R643, R644, R645, R646, R647, R648, R808, R810, R260	11
150	E-R-0405-6684	343101300	RES CH 1/10W 100 J 0603	R08, R327, R328, R329, R335, R336, R350, R612, R613, R614, R615, R616, R617, R632, R634	15
151	E-R-0405-7054	343102300	RES CH 1/10W 1K J 0603	R320, R42, R46, R636, R638, R01, R02, R10, R316, R318, R323, R324, R326,R331,R333, R334, R339, R341,R342, R346, R347, R353, R355, R357, R37, R601,R602, R607, R628, R629, R635, R823, R824, R825, R826, R42	35
152	E-R-0405-7050	343104300	RES CH 1/10W 100K J 0603	R11, R50	7
153	E-R-0405-6686	343105300	RES CH 1/10W 1M J 0603	R05, R06, R07, R19, R28, R29, R30	1
154	#N/A	343200300	RES CH 1/10W 20 J 0603	R04, R15, R18, R43, R14	5
155	E-R-0405-7042	343220300	RES CH 1/10W 22 J 0603	R09, R804, R805,R321, R633, R812, R813,	7
156	#N/A	343303100	RES CH 1/8W 30K J 0805	R114	1
157	#N/A	343333300	RES CH 1/10W 33K J 0603	R38,R39	2
158	#N/A	343432300	RES CH 1/10W 4.3K J 0603	R03	1
159	#N/A	343434300	RES CH 1/10W 430K J 0603	R263	1
160	E-R-0405-6690	343470300	RES CH 1/10W 47 J 0603	R603,R604,R622,R623	4
161	E-R-0405-7033	343471300	RES CH 1/10W 470 J 0603	R301, R302, R303, R304, R305, R306, R307, R308, R611	9
162	E-R-0405-7031	343472300	RES CH 1/10W 4.7K J 0603	R309, R312, R315, R319, R322, R325, R330, R332, R337, R338, R343, R344, R815, R817	14
163	E-R-0405-7035	343473300	RES CH 1/10W 47K J 0603	R809, R811, R816, R827	4
164	E-R-0405-7036	343511300	RES CH 1/10W 510 J 0603	R313	1
165	E-R-0405-6691	343562300	RES CH 1/10W 5.6K J 0603	R806, R807	2
166	#N/A	343681300	RES CH 1/10W 680 J 0603	R310	1
167	E-R-0405-6693	343750100	RES CH 1/8W 75 J 0805	R624, R625, R626	3
168	#N/A	343823300	RES CH 1/10W 82K J 0603	R317	1
169	#N/A	619900705	RES ARRAY 10K J 8P4R 1206	RP301, RP302, RP303, RP304	4
170	#N/A	619900712	RES ARRAY 10K J 8P4R 1206	RP301, RP302, RP303, RP304	4
171	#N/A	730060412	CRYSTAL 14.318MHZ+30PPM AT-49	X401	1
172	M-LCD-0826-0128	730500212	CRYSTAL 11.0592MHZ 30PPM 16PF	X301	1
173	E-FS-0410-0074	841110702	FUSE F/P 4A 125V UL CSA	F251	1
174	#N/A	841110802	FUSE F/P 5A 125V UL CSA	F01	1
175	#N/A	855340721	FUSE TSC 4A 250V UL VDE 11*4 PIG	F101	1
176	#N/A	910500311	NTC R=5 OHM L 4A	NTC101	1
177	#N/A	910500316	NTC R=5 OHM L 4A	NTC101	1
178	#N/A	923610045	VARISTOR 360V 47J 2500A	VA102	1
179	#N/A	1101030027	CAP Y CD 250VAC 100P K B I	CY101, CY102	2
180	#N/A	1101030032	CAP Y CD 250VAC 100P K B I	CY101, CY102	2
181	#N/A	1101346000	CAP Y CD 250VAC 2.2KP M E II	CY103	1
182	#N/A	1160410332	CAP CD 3KV 15P J SL KI7.5	C16, C17, C18, C26, C27, C28	6
183	#N/A	140121021303	CAP AL LD 16V 1KU M 12.5*15	C209, C210	2
184	#N/A	140121021348	CAP AL LD 16V 1KU M 12.5*16	C209, C210	2
185	E-C-0404-4861	140152211448	CAP AL LD 35V 220U M 10*12.5 TP5	C33, C36	2

VG810b BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
186	E-C-0404-4861	140152211467	CAP AL LD 35V 220U M 10*12.5 TP5	C33, C36	2
187	E-C-0404-4805	142122211200	CAP AL 16V 220U M 8*11.5 TP5	C254, C255, C262, C265, C311, C319	6
188	E-C-0404-4806	142124711200	CAP AL 16V 470U M 10*12.5 TP5	C252, C253, C828, C830	4
189	#N/A	142141001200	CAP AL 25V 10U M 5*11 TP5	C313, C320, C323, C325, C807, C810, C817, C820, C821, C834	10
190	E-C-0404-3839	142141011200	CAP AL 25V 100U M 6.3*11 TP5	C825	1
191	E-C-0404-3953	142142201200	CAP AL 25V 22U M 5*11 TP5	C406, C414, C419, C423, C425, C428	6
192	E-C-0404-3844	142144701200	CAP AL 25V 47U M 5*11 TP5	C802, C804, C806, C836	4
193	E-C-0404-3851	142164781200	CAP AL 50V 4.7U M 5*11 TP5	C824, C832, C835, C837	4
194	E-C-0404-3851	144164781400	CAP AL 50V 4.7U M 5*11 TP5	C105	1
195	#N/A	145401010208	CAP AL 400V 100U M 18*30	C101	1
196	#N/A	145401010433	CAP AL 400V 100U M 18*25	C101	1
197	#N/A	1511447000	CAP MC CP 50V 3.3KP J X7R 0603	C259	1
198	E-C-0404-4869	1511454000	CAP MC CP 50V .01U J X7R 0603	C256	1
199	#N/A	1511508000	CAP MC CP 50V 10P J C0G 0603	C609, C610, C611	3
200	E-C-0404-4878	1511514000	CAP MC CP 50V 22P J C0G 0603	C321, C322, C403, C404	4
201	#N/A	1511518000	CAP MC CP 50V 33P J C0G 0603	C613	1
202	E-C-0404-4874	1511530000	CAP MC CP 50V 100P J C0G 0603	C829, C831	2
203	#N/A	1511536000	CAP MC CP 50V 180P J C0G 0603	C257	1
204	E-C-0404-4877	1511538000	CAP MC CP 50V 220P J C0G 0603	C12, C614	2
205	E-C-0404-4875	1511545000	CAP MC CP 50V 1KP J C0G 0603	C602, C818, C819	3
206	E-C-0404-4882	1512452000	CAP MC CP 50V 6.8KP K X7R 0603	C06, C13	2
207	E-C-0404-4870	1512454000	CAP MC CP 50V .01U K X7R 0603	C05, C301, C302, C303, C304, C305, C306, C307, C308, C309, C326, C331, C332, C333, C422, C838	16
208	#N/A	1512456000	CAP MC CP 50V .022U K X7R 0603	C19, C37	2
209	#N/A	1512457000	CAP MC CP 50V .047U K X7R 0603	C603, C604, C605, C606, C607, C608	6
210	E-C-0404-4873	1512479000	CAP MC CP 50V 1.5KP K X7R 0603	C38	1
211	E-C-0404-4497	1517658100	CAP MC CP 50V .1U Z Y5V 0805	C106, C214, C217	3
212	#N/A	1532445100	CAP MC CP 200V 1KP K X7R 0805	C212	1
213	#N/A	1541577000	CAP MC CP 16V 2.7KP J C0G 0603	C808, C809	2
214	E-C-0404-4865	1542458000	CAP MC CP 16V .1U K X7R 0603	C03, C10, C15, C21, C22, C23, C24, C25, C29	9
215	E-C-0404-4867	1542491331	CAP MC CP 16V 10U K X7R 1210	C39, C40	1
216	#N/A	1547667100	CAP MC CP 16V 1U Z Y5V 0805	C312	1
217	#N/A	1552458000	CAP MC CP 25V .1U K X7R 0603	C251, C258, C261, C264, C266, C314, C315, C316, C318, C324, C334, C335, C401, C07, C11, C402, C405, C407, C408, C409, C410, C411, C412, C413, C415, C416, C417, C418, C420, C421, C424, C426, C427, C429, C601, C612, C803, C805, C811, C812, C813, C814, C815, C816, C827, C833	47
218	E-C-0404-4863	15A2459000	CAP MC CP 10V .22U K X7R 0603	C08	1
219	E-C-0404-4884	15A2467100	CAP MC CP 10V 1U K X7R 0805	C04, C09	2
220	E-C-0404-4920	1604314224	CAP X MP PC 275VAC .33U K P15	CX101, CX101	2
221	#N/A	200101110023	DIO BRD 2A 600V KBPM	CR101	1
222	E-D-0403-2025	201330630007	DIO FRD 1A 1000V SOD57 75nS	D102	1
223	#N/A	202003660005	DIO SBD 20A 100V TO-220 C.C.	D201, D202	2
224	#N/A	202003660108	DIO SBD 20A 100V TO-220AB C.C.	D201, D202	2
225	#N/A	202003660123	DIO SBD 20A 100V TO-220AB C.C.	D201, D202	2
226	E-D-0403-2139	202351080105	DIO SBD 3A 40V DO-201AD	D251	1
227	#N/A	203349610231	DIO TVS 1.5KW 143-158V DO-201AE	D101	1
228	#N/A	203812510731	DIO ZEN 0.5W 2.540-2.750V MINI	D253	1
229	#N/A	203812510736	DIO ZEN 0.5W 2.540-2.750V LLDS(MINIMELF)	D253	1
230	E-D-0403-2130	203812540831	DIO ZEN 0.5W 5.45-5.73V MINIMELF	D602, D604, D605, D616, D807	5
231	E-D-0403-2053	203812540836	DIO ZEN 0.5W 5.45-5.73V LLDS(MINIMELF)	D602, D604, D605, D616, D807, ZD01	6
232	#N/A	203812550631	DIO ZEN 0.5W 6.66-7.01V MINIMELF	D802, D803, D804, D805	4
233	E-D-0403-2054	203812550636	DIO ZEN 0.5W 6.66-7.01V LLDS(MINIMELF)	D802, D803, D804, D805	4
234	#N/A	203812580223	DIO ZEN 0.5W 8.57-9.01V MINIMELF	D801	1
235	#N/A	203812580231	DIO ZEN 0.5W 8.57-9.01V MINIMELF	D801	1

VG810b BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
236	#N/A	203812580236	DIO ZEN 0.5W 8.57-9.01V LLDS(MINIMELF)	D801, ZD02	2
237	#N/A	203812760036	DIO ZEN 0.5W 24.97-26.26V LLDS(MINIMELF)	D104	1
238	E-D-0403-1937	204322000207	DIO SW 0.25A 200V SOD-27(DO-35)	D103	1
239	E-D-0403-2049	204520700207	DIO SW 0.215A 75V SOT-23 SE.	D14, D15, D16, D17, D18, D19, D20, D22, D607, D608, D609, D610, D611, D612, D613, D614, D615	1
240	E-D-0403-2050	204520700217	DIO SW 0.2A 70V SOT-23 SE.	D14	1
241	#N/A	204520700305	DIO SW 0.2A 70V SOT-23 C.C.	D601, D603	1
242	E-D-0403-2135	204520700307	DIO SW 0.215A 75V SOT-23	D601, D603	1
243	E-D-0403-2046	204810750131	DIO SW 0.15A 75V MINIMELF	D01, D02, D03, D04, D05, D06, D254, D301, D302, D313, D314, D806	12
244	E-D-0403-2047	204810750136	DIO SW 0.15A 75V MINIMELF	D01, D02, D03, D04, D05, D06, D254, D301, D302, D313, D314, D806	12
245	E-D-0403-1467	204840800036	DIO SW 0.1A 80V SOD-323	D08, D09, D10, D11, D12, D13	6
246	#N/A	205300530005	DIO SI 1A 50V DO-41	D252	1
247	E-D-0403-2069	205300530023	DIO SI 1A 50V DO-204AL(DO-41)	D252	1
248	E-Q-0402-1087	210522000405	TR 40V 0.2A SOT-23 100-300	Q303, Q305, Q307, Q308, Q309, Q801, Q803	7
249	E-Q-0402-1180	210522000417	TR 40V 0.2A SOT-23 100-300	Q303, Q305, Q307, Q308, Q309, Q801, Q803	7
250	E-Q-0402-7019	210522000505	TR 40V 0.6A SOT-23 80	Q01, Q06, Q07, Q10, Q16	5
251	E-Q-0402-7020	210522000517	TR 40V 1.0A SOT-23 80	Q01, Q06, Q07, Q10, Q16	5
252	E-Q-0402-0407	210522000717	TR 40V 1A SOT-23 75	Q802	1
253	#N/A	211522000205	TR -40V -0.2A SOT-23 100-300	Q301, Q302	2
254	E-Q-0402-7017	211522000217	TR -40V -0.2A SOT-23 100-300	Q301, Q302	2
255	E-Q-0402-7018	211522000405	TR -40V -0.6A SOT-23 100	Q08, Q11, Q17	3
256	E-Q-0402-7021	211522000417	TR -40V -0.8A SOT-23 100	Q08, Q11, Q17	3
257	M-MS-0808-8179	2301462531	LED HI-RED/GRN 3*4*2 C.C.	D901	1
258	#N/A	2310040207	PHOTO 70V 4PIN 160-320% 10.16mm	IC102	1
259	#N/A	2310040208	PHOTO 55V 4PIN 150-300% 10.16	IC102	1
260	E-IC-0401-2340	2310040209	PHOTO 70V 4PIN 160-320% 10.16mm	IC102	1
261	#N/A	2310089008	PHOTO 80V 4PIN 150-300% 10.16mm	IC102	1
262	#N/A	242017800008	FET 700V 6A 1.38ohm TO-220FP	Q101	1
263	#N/A	242018020035	FET 800V 4.9A 0.65OHM TO-220F	Q101	1
264	E-Q-0402-1554	242522500005	FET 60V 0.115A 7.5OHM LL SOT-23	Q02, Q03, Q04, Q05, Q12, Q18, Q24, Q25, Q26, Q27, Q304, Q312	12
265	E-Q-0402-1553	242522500017	FET 60V 0.115A 5OHM LL SOT-23	Q02, Q03, Q04, Q05, Q12, Q18, Q24, Q25, Q26, Q27, Q304, Q312	12
266	#N/A	242601000217	FET 30V 7A 0.028OHM LL SO-8 N+P	IC02, IC03, IC04, IC05, IC804, IC805	6
267	#N/A	243601000317	FET -30V -5.3A 0.05OHM LL SOIC-8	Q306, Q310	2
268	#N/A	2500004210	IC VOL ADJ 37V 2.5V 1% T92	IC201	1
269	#N/A	2500004213	IC VOL ADJ 37V 2.5V 1% T92	IC201	1
270	#N/A	2500004214	IC VOL ADJ 37V 2.5V 1% T92	IC201	1
271	E-IC-0401-2940	2500082937	IC LDO REGU 3.3V 5A TO-263	IC253	1
272	#N/A	2500284080	IC REGU SW 2A SOIC-8P	IC251	1
273	#N/A	2510301254	IC PWM CCFL INVERTER CONTROLLER SOP-20P	IC01	1
274	#N/A	251039702B	IC PWM GREEN MODE SO-8PIN	IC101	1
275	E-IC-0401-1927	2530085011	IC 4-CH AUDIO PROCESSOR SO-28P	IC802	1
276	E-IC-0401-1928	2530100016	IC 2*6 STEREO CARD RADIO 9P	IC803	1
277	#N/A	2530222052	IC SXGA LCD CTL PQFP-128P	IC401	1
278	E-IC-0401-2942	2610049742	IC CMOS 2K EEPROM SOIC-8P	IC601, IC602	2
279	#N/A	2610188212	IC EPROM 16K 5V 8PIN	IC302, IC302	2
280	E-IC-0401-2937	2610527042	IC EEPROM 16K SO-8P	IC302	1
281	E-IC-0401-2938	2610527312	IC EEPROM 16K(2048*8) SOIC-8P	IC302	1
282	#N/A	2641131203	IC 2510337297+5015014702 ASSY	IC301	1
283	#N/A	2811100080	X'FMR SMT 480uH J	T101	1
284	#N/A	2811981000	X'FMR INVERTER LK=150-175mH	T01, T02, T03, T04, T05, T06	5
285	#N/A	2811981180	X'FMR IT LK=150-170mH	T01, T02, T03, T04, T05, T06	6
286	E-L-0407-1183	2816300400	CHOKE CD 14.5uH K	L252	1
287	#N/A	2816315300	CHOKE CD 19uH +-10%	L251	1
288	#N/A	2817131480	CHOKE CR 600uH MIN 4P	FL101	1
289	#N/A	2817219380	LF 4mH MIN	FL102	1

VG810b BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
290	#N/A	2921093612	BEAD CH 100MHZ 120 OHM 0.2A 0603	FB301, FB302, FB303, FB304, FB305, FB306, FB307, FB308, FB309, FB310	10
291	#N/A	2921113212	BEAD CH 100MHZ 120 OHM 4A 1206	FB251, FB252, FB254, FB311, FB312, FB313, FB315, FB316, FB401, FB402, FB403, FB404, FB405, FB406, FB801, FB802, FB803, FB804, FB806,	17
292	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	J1	1
293	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN02	1
294	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN01	1
295	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN05	1
296	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN04	1
297	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN06	1
298	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN03	1
299	#N/A	3070337534	HEADER NY66 94V0 7P P2.0 R BROWN	CN07	1
300	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN06	1
301	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN05	1
302	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN02	1
303	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN01	1
304	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN03	1
305	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN04	1
306	#N/A	3343715900	HSK PLATE SPTH TIN PLATED 13.2*3.2 T.3	IC02+03 & IC04	2

VG810s BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
1	A-PC-0106-0193	3070000501	AC POWER CORD L1800 BLACK EURO		1
2	A-AU-0120-0033	3080005100	CABLE AUDIO L=1800 BLK PC99		1
3	A-VC-0101-0359	3080426400	CABLE D-SUB/D-SUB L1800 BLK 20276		1
4	A-PC-0106-0150	3090107600	AC POWER CORD L=1800 BLACK UL/CSA		1
5	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	Panel BKT+BKT Hinge	2
6	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	I/F+PANEL BKT	4
7	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	POWER BD+Panel BKT	4
8	M-SCW-0824-0410	3100300600	SCREW M M3*0.5*6 PAN C S+P S20C ZN	I/V+PANEL BKT	2
9	M-SCW-0824-0734	3102710800	SCREW M M4*0.7*8 PAN C S S18C ZN YEL	AC SOCKET GND	1
10	M-SCW-0824-0690	3105051501	SCREW M #4-40*7 HEXH #4-40*3 S18C NI	CONN. D-SUB	2
11	M-SCW-0824-0690	3105051501	SCREW M #4-40*7 HEXH #4-40*3 S18C NI	CONN. DVI-D	2
12	M-SCW-0814-0691	3105120100	SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL	STAND ASSY+cabinet back	6
13	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	Cabinet Back+Panel BKT	2
14	M-SCW-0824-0776	3105221000	SCREW M M3*0.5*6 FF C S18C ZN	PANEL+Panel BKT	4
15	M-SCW-0824-0007	3109010100	SCREW T f 3*0.5*8 BIND C S18C ZN	I/F BD+IC803	1
16	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	CABLE CLAMP+PANEL BKT	1
17	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	I/V SHIELD+Panel BKT	1
18	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	D-SUB BKT+Shield Can	4
19	M-SCW-0814-0694	3109015000	SCREW T f 3*1.27*8 PAN C S20C NI	F/B+K/B	3
20	M-SCW-0824-0620	3109020500	SCREW T f 4*1.6*10 PAN C S18C ZN YEL	Cabinet Back+BKT Hinge	4
21	M-SCW-0824-6795	3109023700	SCREW T M4*1.6*8 FPH C S18C ZN YEL	Speaker R&L+F/B	4
22	M-MS-0808-8040	3110250000	WASHER SPRING SWRT	CONN DVI-D	2
23	M-MS-0808-8040	3110250000	WASHER SPRING SWRT	CONN D-SUB	2
24	M-LB-0813-0785	3200158900	LABEL STICKER OD10 WHT HI-POT		1
25	M-LB-0813-0712	3200449700	LABEL WARING	BY AIR SHIPPING	0.125
26	M-MS-0808-9126	3200655300	NAME PLATE VSC 3-BIRD LOGO AL 14.5*10.0	FOR F/B .REV:00	1
27	M-MS-0808-9127	3200655500	NAME PLATE AL VIEWSONIC L38 T1.2	FOR F/B .REV:00	1
28	M-LB-0813-0384	3200712700	LABEL CONTROL 100*90	Stick on pallet	0.063
29	M-LB-0813-0551	3200744000	LABEL BAR CODE 55*15 VSC-G	Stick on flow card	1
30	M-LB-0813-0696	3200753101	LABEL BAR CODE 76*121 VIEWSONIC		1
31	M-LB-0813-0759	3200930800	LABEL VER. CONTROL 20*20 VIEWSONIC	Stick on Carton	0.167
32	M-LB-0813-0916	3201961201	LABEL ID 166*43 VSC VG810S		1
33	M-LB-0813-0900	3202011000	LABEL SERIES PANEL 42*11 T0.05	FOR STICK ON Travel Card	1
34	M-LB-0813-0714	3202310700	LABEL HV WARNING 100*25	FOR I/V SHIELD	1
35	M-MS-0808-8303	3211024500	MYLAR 435*350 T.1		1
36	M-MS-0808-8202	3220133600	TAPE W=10 #1350F-1 3M		0.2
37	#N/A	3220161733	TAPE W=20 #3800A NITTO		0.09
38	#N/A	3220182510	TAPE W=28 2L #1350F-1 3M	STICK ON PANEL BKT POWER BD AT EA R&L SID	0.22
39	M-MS-0808-7810	3220605633	TAPE W=45 #7290 NITTO	F/B	0.128
40	M-MS-0808-4975	3221101500	TAPE W=76 PP47 914M 4P		0.8
41	#N/A	3222201300	TAPE AL FOIL W=25 #80023 CATERON	STICK ON CABLE AUDIO&IV SHIELD CAN 50mm	0.05
42	M-MS-0808-8608	3240956400	RUBBER HOLD PLUG OD4.9 H3.2 BLK	CABINET BACK	4
43	M-MS-0808-9129	3241132800	INSULATOR PC T.4 204*40 VG810	CABINET BACK&BK T D-SUB	1
44	M-MS-0808-7754	3343705302	HSK AL T=1.5 21*9	IC803	1
45	C-BC-0302-0564	3360248000	CABINET BACK ABS 41 S8LRC1LS		1
46	C-BC-0302-0565	3368216601	R/C ASSY L18FMW05AAB S8LRC1LS		1
47	M-MS-0808-7739	3200648800	NAME PLATE ABS 94HB VIEWSONIC 82.83*34.9		1
48	#N/A	3360248101	R/C ABS 41 VG810S S8LRC1LS		1
49	C-FP-0301-9919	3368302101	F/B ASSY L18FMR05AAB S8LFC1LS		1
50	PL-FK-0709-0150	3360732801	FUNCTION KEY ABS CR S8LFC1LS		1
51	#N/A	4020372907	PLASTIC ABS 94HB 5140 D-180		1
52	#N/A	4020372908	PLASTIC ABS 94HB 5140 HF-380		1
53	#N/A	4020372909	PLASTIC ABS 94HB 5140 SD-0150		1
54	#N/A	4020372914	PLASTIC ABS 94HB 5140 PA-757		1
55	#N/A	3361084801	F/B ABS SV-651 VG810S S8LFC1LS	3361084900TL	1
56	C-BS-0303-0511	3368991901	STAND ASSY L18FMR05AAB S8LBA1AT SERVICE		1
57	M-SCW-0814-0692	3105124000	SCREW M M4*0.7*6 PAN C S18C NI	HINGE R&L+BKT ARM	6
58	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	BKT ATM+BKT BASE	3
59	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	BKT BASE+COVER BASE	4
60	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	ARM REAR+BKT ARM	1
61	M-SCW-0824-0620	3109020500	SCREW T f 4*1.6*10 PAN C S18C ZN YEL	ARM FRONT+BKT ARM	4
62	PL-PD-0714-0067	3240956800	RUBBER FOOT 81*13*3T BLK	BKT BSAE	2
63	M-MS-0808-8157	3240957400	SPONGE EVA 100*7 T1 BLACK	BASE COVER	1

VG810s BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
64	PL-PD-0714-0068	3240957500	RUBBER FOOT 75*10 T3	BKT BASE	2
65	M-MS-0808-9137	3240977700	RUBBER HOLE PULG OD11.4 ID6.5 T7.36 BLK	ARM REAR	1
66	M-CV-0830-2381	3360916300	ARM FRONT ABS 41 VX700-2		1
67	M-CV-0830-2509	3360919201	ARM COVER REAR ABS 41 S8LBA2LS		1
68	M-CV-0830-2394	3361205900	COVER BASE ABS 41 VG800-2		1
69	M-MS-0808-8612	3461750602	HINGE SUB ASSY R L19EMW05BAW		1
70	M-MS-0808-8613	3461750702	HINGE SUB ASSY L L19EMW05BAW		1
71	M-MS-0808-9130	3461752700	HINGE-R SUS304 62*20 T2		1
72	M-MS-0808-9131	3461752800	HINGE-L SUS304 62*20 T2		1
73	M-BK-0805-0043	3461753201	BRACKET ARM SECC 156*126.1*153.6 T2		1
74	M-BK-0805-0044	3461753301	BRACKET BASE SECC 266.6*161.4 T2		1
75	M-MS-0808-8162	3421024500	CABLE CLAMP GROUNDING SPCC T.3mm	K/B WIRE	1
76	M-BK-0805-0061	3460144800	BRACKET CONN SECC 41.7*30 T0.6	PANEL BKT+LVDS CABLE	1
77	M-MS-0808-8561	3460146100	BRACKET VESA SECC 110*20 T1	CABINET BACK	2
78	M-MS-0808-8563	3460146300	BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6	CABINET BACK	1
79	M-BK-0805-0038	3460163101	BRACKET D-SUB SECC 278.8*23.8 T.8		1
80	M-BK-0805-0039	3460163402	BRACKET PANEL SECC 394.8*324.4 T.8 LG		1
81	M-BK-0805-0040	3460163502	BRACKET HINGE SECC 204*63.5 T1.2		1
82	M-BK-0805-0041	3461234204	SHIELD CAN IF SPTE 296.3*198.7 T.3		1
83	M-BK-0805-0042	3461234301	SHIELD CAN SPTE 226*62.8*18 T.3		1
84	M-MS-0808-8643	3472851200	CONDUCTIVE SPONGE 30*8.5*10	I/F DVI VOTTOM SIDE(EMI)	1
85	P-FM-0602-0836	3500116101	END BLOCK-BOTTOM L18FMW05AAB 704/40'		1
86	P-FM-0602-0837	3500116201	END BLOCK-TOP L18FMW05AAB 704/40'		1
87	M-MS-0808-9132	3500932402	PE BAG 640*580*.06T CLEAR	3% SPARE PARTS	1
88	M-MS-0808-8762	3500937501	PE BAG 300*200*0.06T		1
89	#N/A	3510441600	TRAY 1166*1076*142H(INSIDE) VX900	AIR SHIPPING	0.125
90	M-LCD-0826-0127	3510552100	TUBE 1156*1066*1050(H) LCD 19"	BY AIR SHIPPING	0.063
91	M-MS-0808-9133	3510878400	CAP PAPER 1140*1050*120	BY SEA FOR 32 SETS/PALLET	0.032
92	M-MS-0808-9134	3511208400	ANGLE PAPER 2190*55*55 T5		0.125
93	P-BX-0601-0924	3512250200	CARTON 565*265*525 VSC VG810S L18FMR05AA	3% FOR SPARE PARTS	1
94	#N/A	3520026001	PALLET FUMIGATE 1070*1140*120	BY AIR SHIPPING FOR 32SETS/PALLET	0.063
95	#N/A	3520026001	PALLET FUMIGATE 1070*1140*120	BY SEA FOR 16SETS/PALLET	0.032
96	M-MS-0808-5135	3520082400	PE FILM t=0.02mm W=500		0.04
97	M-MS-0808-7819	3520084000	PE SHEET 1800*1600*0.15	BY AIR SHIPPING	0.063
98	M-MS-0808-7820	3520130500	DRYER 15G 80*60	REV:00	2
99	PL-SP-0723-0002	3520142700	PLASTIC STRIP W=12 T.5 BLACK		1
100	#N/A	3532076601	MANUAL PACKING ASSY VSC VG810S	PUT ON CARTON	1
101	M-MS-0808-8396	3520094201	PE BAG 260*155*0.1T		1
102	M-MS-0808-9138	5011097100	MANUAL QUICK START GUIDE VSC VG810S		1
103	A-CD-VG810S	3532076800	CD-ROM VSC A-CD-VG810S-1	PUT IN MANUAL PACKING ASSY	1
104	M-MS-0808-9135	3610171802	AC SOCKET ASSY VG810S		1
105	M-WR-0828-6619	3670479600	WIRE WITH HOUSING 2547 #28 L500 4P	I/F TO SPEAKER	1
106	M-WR-0828-6620	3679007300	WIRE WITH HOUSING 20276 #30 L100 30P	PANEL TO I/F	1
107	M-WR-0828-6621	3679007400	WIRE WITH HOUSING 20276 #30 L380 12P	I/F TO K/B	1
108	E-SK-0412-0086	3790182900	SPEAKER ASSY L18FMR05AAB		2
109	M-LCD-0826-0161	5051801050	LCD 18.1" TFT PANEL XGA		1
110	B-IF-0222-0052	5600110123	LCD I/F BD ASSY L18FMR 05AAB		1
111	#N/A	2510337297	IC 8051 UP WITH ISP PLCC-44P		1
112	#N/A	5015014702	FIRMWARE M/F:VG810S_1003.HEX(43E6)		1
113	#N/A	2970039802	PWB D0 FR-4 145*117 (I/F BD)		1
114	M-LB-0813-0913	3202005900	LABEL SERIAL 42*11 SONY	FOR STICK ON I/F BD	1
115	M-LB-0813-0914	3202009100	LABEL REISTRATION 40*16		1
116	M-LB-0813-0915	3202215900	LABEL MCU 11*11 POLYESTER 50#		0.13
117	M-MS-0808-9141	3240296500	THERMAL PAD SILICONE 20*14 T2	IC401	1
118	B-KB-0207-0045	5600110124	LCD FUN KEY BD ASSY L18FMR 05AAB		1
119	#N/A	2970039902	PWB S0 FR-1 140*24.3 (KEY BD)		1
120	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		0.131
121	B-PS-0204-0058	5600110125	LCD POWER BD ASSY L18FMR 05AAB		1
122	#N/A	2970040002	PWB S0 CEM-1 125*60 (PWR BD)		1
123	M-SCW-0824-0778	3105229400	SCREW M M3*0.5*10 FF C S18C ZN		2
124	M-MS-0808-9125	3110110900	NUT M3*0.5 AISI1018		2
125	M-MS-0808-8202	3220133600	TAPE W=10 #1350F-1 3M	STICK ON INSULA TOR(32402166XX)	0.15
126	M-MS-0808-9128	3240216601	INSULATOR PP T.43 60.86*129		1
127	PL-CL-0710-0034	3421095601	CLIP SUS301 T=0.4		1

VG810s BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
128	B-SB-0221-0589	5600110126	LCD INVERTER BD ASSY L18FMR 05AAB		1
129	#N/A	2970040102	PWB D0 FR-4 179*40 (INVERTER BD)		1
130	E-R-0405-5763	23100000	RES CF 1/2W 10 J	R112	1
131	#N/A	133104000	RES MOF 1W 100K J	R101	1
132	#N/A	143399000	RES MOF 2W .39 J	R103	1
133	E-R-0405-6645	190204200	RES FUSING MF 1/2W .1 J	R108	1
134	#N/A	313000000	RES CH 1/4W ZERO J 1206	J2,R109,R116,R219,R40	5
135	#N/A	313100000	RES CH 1/4W 10 J 1206	R115	1
136	#N/A	313101000	RES CH 1/4W 100 J 1206	R201,R202	2
137	#N/A	313121000	RES CH 1/4W 120 J 1206	R801,R828	2
138	#N/A	313125000	RES CH 1/4W 1.2M J 1206	R111,R113	2
139	#N/A	313331000	RES CH 1/4W 330 J 1206	R44	1
140	#N/A	313471000	RES CH 1/4W 470 J 1206	R205	1
141	#N/A	313514000	RES CH 1/4W 510K J 1206	R104,R105,R106,R107	4
142	#N/A	341053300	RES CH 1/10W 5.6K F 0603	R20	1
143	#N/A	341062300	RES CH 1/10W 15K F 0603	R261	1
144	E-R-0405-7034	341077300	RES CH 1/10W 47K F 0603	R262	1
145	E-R-0405-7037	341079300	RES CH 1/10W 51K F 0603	R12,R16	2
146	#N/A	341109100	RES CH 1/8W 1.96K F 0805	R215	1
147	#N/A	341113300	RES CH 1/10W 2K F 0603	R41, R45	2
148	#N/A	341185100	RES CH 1/8W 7.5K F 0805	R209	1
149	#N/A	341271300	RES CH 1/10W 422 F 0603	R23, R25, R27, R32, R34, R36	6
150	#N/A	341346300	RES CH 1/10W 59K F 0603	R21	1
151	E-R-0405-7038	341421300	RES CH 1/10W 560 F 0603	R22, R24, R26, R31, R33, R35	6
152	#N/A	341427300	RES CH 1/10W 39K F 0603	R13, R17	2
153	#N/A	341448300	RES CH 1/10W 392 F 0603	R401	1
154	E-R-0405-7041	343000300	RES CH 1/10W ZERO J 0603	R641, R642, R643, R644, R645, R646, R647, R648, R808, R810, R260	11
155	E-R-0405-6684	343101300	RES CH 1/10W 100 J 0603	R08, R327, R328, R329, R335, R336, R350, R612, R613, R614, R615, R616, R617, R632, R634	15
156	E-R-0405-7054	343102300	RES CH 1/10W 1K J 0603	R320, R42, R46, R636, R638, R01, R02, R10, R316, R318, R323, R324, R326, R331, R333, R334, R339, R341,R342, R346, R347, R353, R355, R357, R37, R601, R602, R607, R628, R629, R635, R823, R824, R825, R826, R42	35
157	E-R-0405-7050	343104300	RES CH 1/10W 100K J 0603	R11, R50	7
158	E-R-0405-6686	343105300	RES CH 1/10W 1M J 0603	R05, R06, R07, R19, R28, R29, R30	1
159	#N/A	343200300	RES CH 1/10W 20 J 0603	R04, R15, R18, R43, R14	5
160	E-R-0405-7042	343220300	RES CH 1/10W 22 J 0603	R09, R804, R805, R321, R633, R812, R813	7
161	#N/A	343303100	RES CH 1/8W 30K J 0805	R114	1
162	#N/A	343333300	RES CH 1/10W 33K J 0603	R38, R39	2
163	#N/A	343432300	RES CH 1/10W 4.3K J 0603	R03	1
164	#N/A	343434300	RES CH 1/10W 430K J 0603	R263	1
165	E-R-0405-6690	343470300	RES CH 1/10W 47 J 0603	R603, R604, R622, R623	4
166	E-R-0405-7033	343471300	RES CH 1/10W 470 J 0603	R301, R302, R303, R304,R305, R306, R307, R308, R611	9
167	E-R-0405-7031	343472300	RES CH 1/10W 4.7K J 0603	R309, R312, R315, R319, R322, R325, R330, R332, R337, R338, R343, R344, R815, R817	14
168	E-R-0405-7035	343473300	RES CH 1/10W 47K J 0603	R809,R811,R816,R827	4
169	E-R-0405-7036	343511300	RES CH 1/10W 510 J 0603	R313	1
170	E-R-0405-6691	343562300	RES CH 1/10W 5.6K J 0603	R806,R807	2
171	#N/A	343681300	RES CH 1/10W 680 J 0603	R310	1
172	E-R-0405-6693	343750100	RES CH 1/8W 75 J 0805	R624,R625,R626	3
173	#N/A	343823300	RES CH 1/10W 82K J 0603	R317	1
174	#N/A	619900705	RES ARRAY 10K J 8P4R 1206	RP301, RP302, RP303, RP304	4
175	#N/A	619900712	RES ARRAY 10K J 8P4R 1206	RP301, RP302, RP303, RP304	4
176	#N/A	730060412	CRYSTAL 14.318MHZ+-30PPM AT-49	X401	1
177	M-LCD-0826-0128	730500212	CRYSTAL 11.0592MHZ 30PPM 16PF	X301	1
178	E-FS-0410-0074	841110702	FUSE F/P 4A 125V UL CSA	F251	1
179	#N/A	841110802	FUSE F/P 5A 125V UL CSA	F01	1
180	#N/A	855340721	FUSE TSC 4A 250V UL VDE 11*4 PIG	F101	1
181	#N/A	910500311	NTC R=5 OHM L 4A	NTC101	1

VG810s BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
182	#N/A	910500316	NTC R=5 OHM L 4A	NTC101	1
183	#N/A	923610045	VARISTOR 360V 47J 2500A	VA102	1
184	#N/A	1101030027	CAP Y CD 250VAC 100P K B I	CY101, CY102	2
185	#N/A	1101030032	CAP Y CD 250VAC 100P K B I	CY101, CY102	2
186	#N/A	1101346000	CAP Y CD 250VAC 2.2KP M E II	CY103	1
187	#N/A	1160410332	CAP CD 3KV 15P J SL KI7.5	C16, C17, C18, C26, C27, C28	6
188	#N/A	140121021303	CAP AL LD 16V 1KU M 12.5*15	C209, C210	2
189	#N/A	140121021348	CAP AL LD 16V 1KU M 12.5*16	C209, C210	2
190	E-C-0404-4861	140152211448	CAP AL LD 35V 220U M 10*12.5 TP5	C33, C36	2
191	E-C-0404-4861	140152211467	CAP AL LD 35V 220U M 10*12.5 TP5	C33, C36	2
192	E-C-0404-4805	142122211200	CAP AL 16V 220U M 8*11.5 TP5	C254, C255, C262, C265, C311, C319	6
193	E-C-0404-4806	142124711200	CAP AL 16V 470U M 10*12.5 TP5	C252, C253, C828, C830	4
194	#N/A	142141001200	CAP AL 25V 10U M 5*11 TP5	C313, C320, C323, C325, C807, C810, C817, C820, C821, C834	10
195	E-C-0404-3839	142141011200	CAP AL 25V 100U M 6.3*11 TP5	C825	1
196	E-C-0404-3953	142142201200	CAP AL 25V 22U M 5*11 TP5	C406, C414, C419, C423, C425, C428	6
197	E-C-0404-3844	142144701200	CAP AL 25V 47U M 5*11 TP5	C802, C804, C806, C836	4
198	E-C-0404-3851	142164781200	CAP AL 50V 4.7U M 5*11 TP5	C824, C832, C835, C837	4
199	E-C-0404-3851	144164781400	CAP AL 50V 4.7U M 5*11 TP5	C105	1
200	#N/A	145401010208	CAP AL 400V 100U M 18*30	C101	1
201	#N/A	145401010433	CAP AL 400V 100U M 18*25	C101	1
202	#N/A	1511447000	CAP MC CP 50V 3.3KP J X7R 0603	C259	1
203	E-C-0404-4869	1511454000	CAP MC CP 50V .01U J X7R 0603	C256	1
204	#N/A	1511508000	CAP MC CP 50V 10P J C0G 0603	C609, C610, C611	3
205	E-C-0404-4878	1511514000	CAP MC CP 50V 22P J C0G 0603	C321, C322, C403, C404	4
206	#N/A	1511518000	CAP MC CP 50V 33P J C0G 0603	C613	1
207	E-C-0404-4874	1511530000	CAP MC CP 50V 100P J C0G 0603	C829, C831	2
208	#N/A	1511536000	CAP MC CP 50V 180P J C0G 0603	C257	1
209	E-C-0404-4877	1511538000	CAP MC CP 50V 220P J C0G 0603	C12, C614	2
210	E-C-0404-4875	1511545000	CAP MC CP 50V 1KP J C0G 0603	C602, C818, C819	3
211	E-C-0404-4882	1512452000	CAP MC CP 50V 6.8KP K X7R 0603	C06, C13	2
212	E-C-0404-4870	1512454000	CAP MC CP 50V .01U K X7R 0603	C05, C301, C302, C303, C304, C305, C306, C307, C308, C309, C326, C331, C332, C333, C422, C838	16
213	#N/A	1512456000	CAP MC CP 50V .022U K X7R 0603	C19, C37	2
214	#N/A	1512457000	CAP MC CP 50V .047U K X7R 0603	C603, C604, C605, C606, C607, C608	6
215	E-C-0404-4873	1512479000	CAP MC CP 50V 1.5KP K X7R 0603	C38	1
216	E-C-0404-4497	1517658100	CAP MC CP 50V .1U Z Y5V 0805	C106, C214, C217	3
217	#N/A	1532445100	CAP MC CP 200V 1KP K X7R 0805	C212	1
218	#N/A	1541577000	CAP MC CP 16V 2.7KP J C0G 0603	C808, C809	2
219	E-C-0404-4865	1542458000	CAP MC CP 16V .1U K X7R 0603	C03, C10, C15, C21, C22, C23, C24, C25, C29	9
220	E-C-0404-4867	1542491331	CAP MC CP 16V 10U K X7R 1210	C39, C40	1
221	#N/A	1547667100	CAP MC CP 16V 1U Z Y5V 0805	C312	1
222	#N/A	1552458000	CAP MC CP 25V .1U K X7R 0603	C251, C258, C261, C264, C266, C314, C315, C316, C318, C324, C334, C335, C401, C07, C11, C402, C405, C407, C408, C409, C410, C411, C412, C413, C415, C416, C417, C418, C420, C421, C424, C426, C427, C429, C601, C612, C803, C805, C811, C812, C813, C814, C815, C816, C827, C833	47
223	E-C-0404-4863	15A2459000	CAP MC CP 10V .22U K X7R 0603	C08	1
224	E-C-0404-4884	15A2467100	CAP MC CP 10V 1U K X7R 0805	C04, C09	2
225	E-C-0404-4920	1604314224	CAP X MP PC 275VAC .33U K P15	CX101, CX101	2
226	#N/A	200101110023	DIO BRD 2A 600V KBPM	CR101	1
227	E-D-0403-2025	201330630007	DIO FRD 1A 1000V SOD57 75nS	D102	1
228	#N/A	202003660005	DIO SBD 20A 100V TO-220 C.C.	D201, D202	2
229	#N/A	202003660108	DIO SBD 20A 100V TO-220AB C.C.	D201, D202	2
230	#N/A	202003660123	DIO SBD 20A 100V TO-220AB C.C.	D201, D202	2
231	E-D-0403-2139	202351080105	DIO SBD 3A 40V DO-201AD	D251	1
232	#N/A	203349610231	DIO TVS 1.5KW 143-158V DO-201AE	D101	1
233	#N/A	203812510731	DIO ZEN 0.5W 2.540-2.750V MINI	D253	1
234	#N/A	203812510736	DIO ZEN 0.5W 2.540-2.750V LLDS(MINIMELF)	D253	1
235	E-D-0403-2130	203812540831	DIO ZEN 0.5W 5.45-5.73V MINIMELF	D602, D604, D605, D616, D807	5
236	E-D-0403-2053	203812540836	DIO ZEN 0.5W 5.45-5.73V LLDS(MINIMELF)	D602, D604, D605, D616, D807, ZD01	6

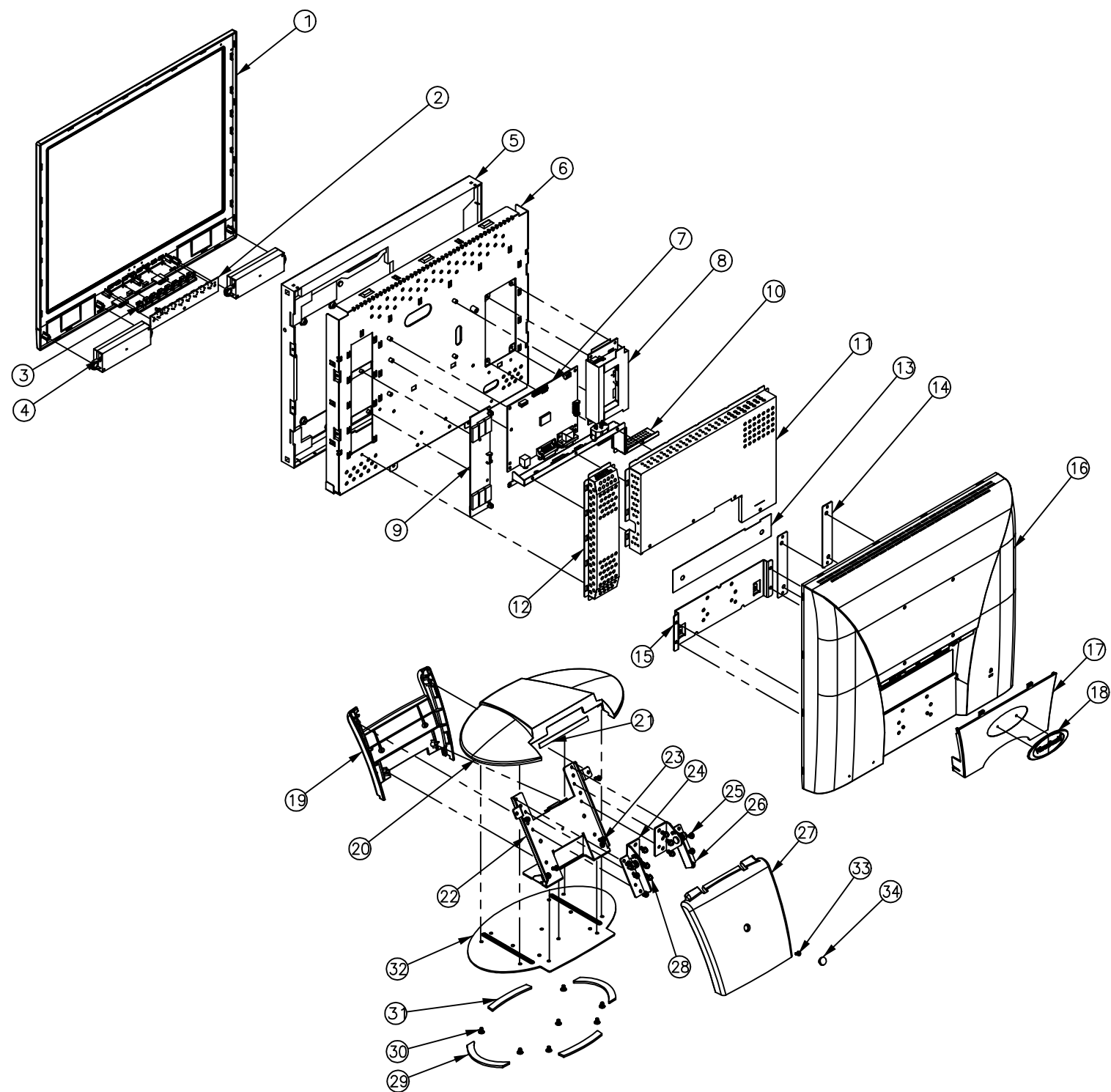
VG810s BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
237	#N/A	203812550631	DIO ZEN 0.5W 6.66-7.01V MINIMELF	D802, D803, D804, D805	4
238	E-D-0403-2054	203812550636	DIO ZEN 0.5W 6.66-7.01V LLDS(MINIMELF)	D802, D803, D804, D805	4
239	#N/A	203812580223	DIO ZEN 0.5W 8.57-9.01V MINIMELF	D801	1
240	#N/A	203812580231	DIO ZEN 0.5W 8.57-9.01V MINIMELF	D801	1
241	#N/A	203812580236	DIO ZEN 0.5W 8.57-9.01V LLDS(MINIMELF)	D801,ZD02	2
242	#N/A	203812760036	DIO ZEN 0.5W 24.97-26.26V LLDS(MINIMELF)	D104	1
243	E-D-0403-1937	204322000207	DIO SW 0.25A 200V SOD-27(DO-35)	D103	1
244	E-D-0403-2049	204520700207	DIO SW 0.215A 75V SOT-23 SE.	D14, D15, D16, D17, D18,D19, D20, D22, D607, D608, D609,D610, D611, D612, D613, D614, D615	1
245	E-D-0403-2050	204520700217	DIO SW 0.2A 70V SOT-23 SE.	D14	1
246	#N/A	204520700305	DIO SW 0.2A 70V SOT-23 C.C.	D601, D603	1
247	E-D-0403-2135	204520700307	DIO SW 0.215A 75V SOT-23	D601,D603	1
248	E-D-0403-2046	204810750131	DIO SW 0.15A 75V MINIMELF	D01, D02, D03,D04, D05, D06, D254, D301, D302, D313, D314, D806	12
249	E-D-0403-2047	204810750136	DIO SW 0.15A 75V MINIMELF	D01, D02, D03, D04, D05, D06, D254, D301, D302, D313, D314, D806	12
250	E-D-0403-1467	204840800036	DIO SW 0.1A 80V SOD-323	D08, D09, D10, D11, D12, D13	6
251	#N/A	205300530005	DIO SI 1A 50V DO-41	D252	1
252	E-D-0403-2069	205300530023	DIO SI 1A 50V DO-204AL(DO-41)	D252	1
253	E-Q-0402-1087	210522000405	TR 40V 0.2A SOT-23 100-300	Q303, Q305, Q307, Q308, Q309, Q801, Q803	7
254	E-Q-0402-1180	210522000417	TR 40V 0.2A SOT-23 100-300	Q303, Q305, Q307, Q308, Q309, Q801, Q803	7
255	E-Q-0402-7019	210522000505	TR 40V 0.6A SOT-23 80	Q01, Q06, Q07, Q10, Q16	5
256	E-Q-0402-7020	210522000517	TR 40V 1.0A SOT-23 80	Q01, Q06, Q07, Q10, Q16	5
257	E-Q-0402-0407	210522000717	TR 40V 1A SOT-23 75	Q802	1
258	#N/A	211522000205	TR -40V -0.2A SOT-23 100-300	Q301, Q302	2
259	E-Q-0402-7017	211522000217	TR -40V -0.2A SOT-23 100-300	Q301, Q302	2
260	E-Q-0402-7018	211522000405	TR -40V -0.6A SOT-23 100	Q08, Q11, Q17	3
261	E-Q-0402-7021	211522000417	TR -40V -0.8A SOT-23 100	Q08, Q11, Q17	3
262	M-MS-0808-8179	2301462531	LED HI-RED/GRN 3*4*2 C.C.	D901	1
263	#N/A	2310040207	PHOTO 70V 4PIN 160-320% 10.16mm	IC102	1
264	#N/A	2310040208	PHOTO 55V 4PIN 150-300% 10.16	IC102	1
265	E-IC-0401-2340	2310040209	PHOTO 70V 4PIN 160-320% 10.16mm	IC102	1
266	#N/A	2310089008	PHOTO 80V 4PIN 150-300% 10.16mm	IC102	1
267	#N/A	242017800008	FET 700V 6A 1.38ohm TO-220FP	Q101	1
268	#N/A	242018020035	FET 800V 4.9A 0.65OHM TO-220F	Q101	1
269	E-Q-0402-1554	242522500005	FET 60V 0.115A 7.5OHM LL SOT-23	Q02, Q03, Q04, Q05, Q12, Q18, Q24, Q25, Q26, Q27, Q304, Q312	12
270	E-Q-0402-1553	242522500017	FET 60V 0.115A 5OHM LL SOT-23	Q02, Q03, Q04, Q05, Q12, Q18, Q24, Q25, Q26, Q27, Q304, Q312	12
271	#N/A	242601000217	FET 30V 7A 0.028OHM LL SO-8 N+P	IC02, IC03, IC04, IC05, IC804, IC805	6
272	#N/A	243601000317	FET -30V -5.3A 0.05OHM LL SOIC-8	Q306, Q310	2
273	#N/A	2500004210	IC VOL ADJ 37V 2.5V 1% T92	IC201	1
274	#N/A	2500004213	IC VOL ADJ 37V 2.5V 1% T92	IC201	1
275	#N/A	2500004214	IC VOL ADJ 37V 2.5V 1% T92	IC201	1
276	E-IC-0401-2940	2500082937	IC LDO REGU 3.3V 5A TO-263	IC253	1
277	#N/A	2500284080	IC REGU SW 2A SOIC-8P	IC251	1
278	#N/A	2510301254	IC PWM CCFL INVERTER CONTROLLER SOP-20P	IC01	1
279	#N/A	251039702B	IC PWM GREEN MODE SO-8PIN	IC101	1
280	E-IC-0401-1927	2530085011	IC 4-CH AUDIO PROCESSOR SO-28P	IC802	1
281	E-IC-0401-1928	2530100016	IC 2*6 STEREO CARD RADIO 9P	IC803	1
282	#N/A	2530222052	IC SXGA LCD CTL PQFP-128P	IC401	1
283	E-IC-0401-2942	2610049742	IC CMOS 2K EEPROM SOIC-8P	IC601, IC602	2
284	#N/A	2610188212	IC EPROM 16K 5V 8PIN	IC302, IC302	2
285	E-IC-0401-2937	2610527042	IC EEPROM 16K SO-8P	IC302	1
286	E-IC-0401-2938	2610527312	IC EEPROM 16K(2048*8) SOIC-8P	IC302	1
287	#N/A	2641131203	IC 2510337297+5015014702 ASSY	IC301	1
288	#N/A	2811100080	X'FMR SMT 480uH J	T101	1
289	#N/A	2811981000	X'FMR INVERTER LK=150-175mH	T01, T02, T03, T04, T05, T06	5
290	#N/A	2811981180	X'FMR IT LK=150-170mH	T01, T02, T03, T04, T05, T06	6
291	E-L-0407-1183	2816300400	CHOKE CD 14.5uH K	L252	1
292	#N/A	2816315300	CHOKE CD 19uH +-10%	L251	1
293	#N/A	2817131480	CHOKE CR 600uH MIN 4P	FL101	1
294	#N/A	2817219380	LF 4mH MIN	FL102	1

VG810s BOM LIST

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty
295	#N/A	2921093612	BEAD CH 100MHZ 120 OHM 0.2A 0603	FB301, FB302, FB303, FB304, FB305, FB306, FB307, FB308, FB309, FB310	10
296	#N/A	2921113212	BEAD CH 100MHZ 120 OHM 4A 1206	FB251, FB252, FB254, FB311, FB312, FB313, FB315, FB316, FB401, FB402, FB403, FB404, FB405, FB406, FB801, FB802, FB803, FB804, FB806,	17
297	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	J1	1
298	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN02	1
299	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN01	1
300	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN05	1
301	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN04	1
302	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN06	1
303	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD	CN03	1
304	#N/A	3070337534	HEADER NY66 94V0 7P P2.0 R BROWN	CN07	1
305	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN06	1
306	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN05	1
307	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN02	1
308	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN01	1
309	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN03	1
310	#N/A	3076790083	HEADER HOUSING 94V0 2P P3.5 R SMT	CN04	1
311	#N/A	3343715900	HSK PLATE SPTH TIN PLATED 13.2*3.2 T.3	IC02+03 & IC04	2

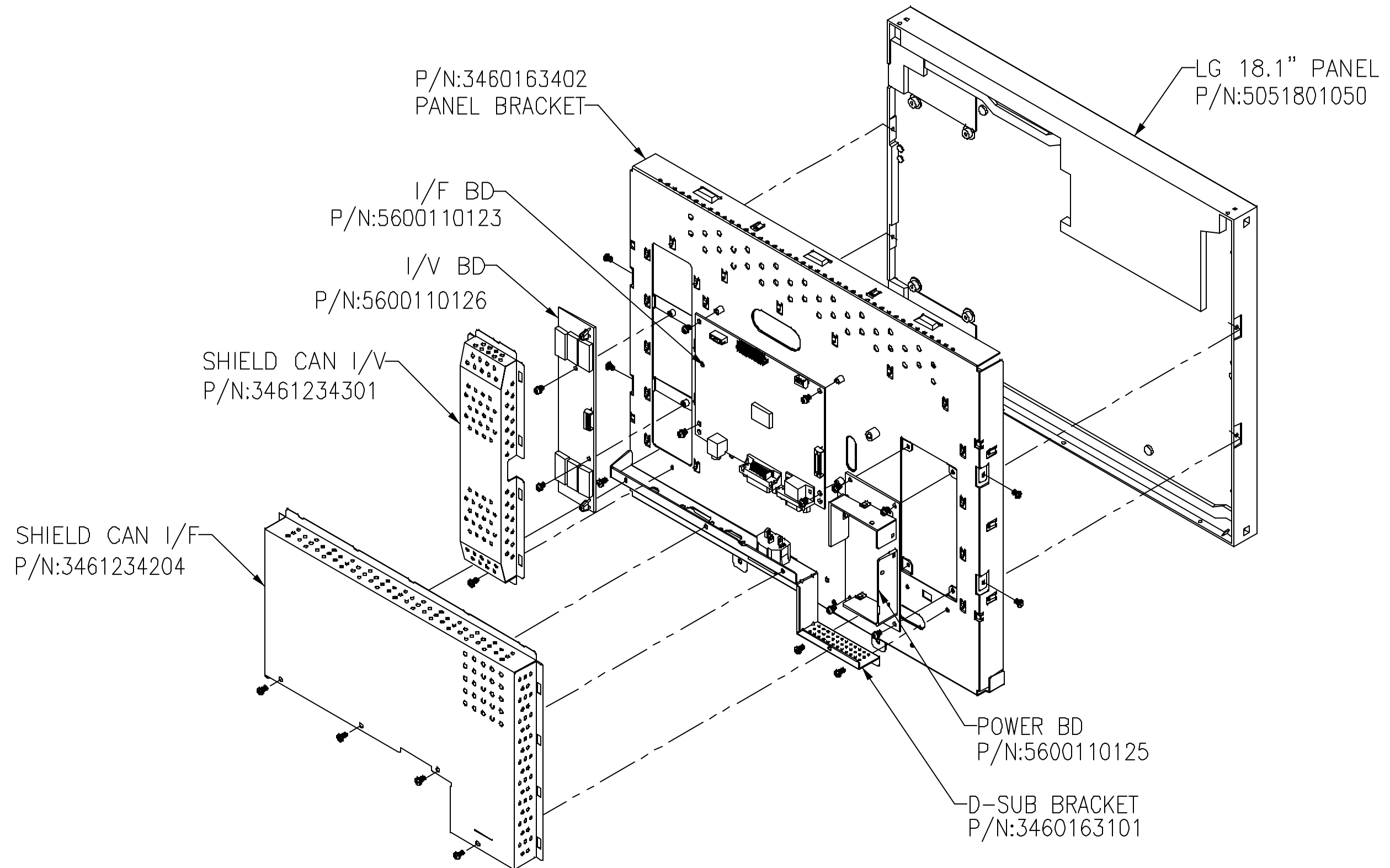
8. Exploded Diagram And Spare Parts List



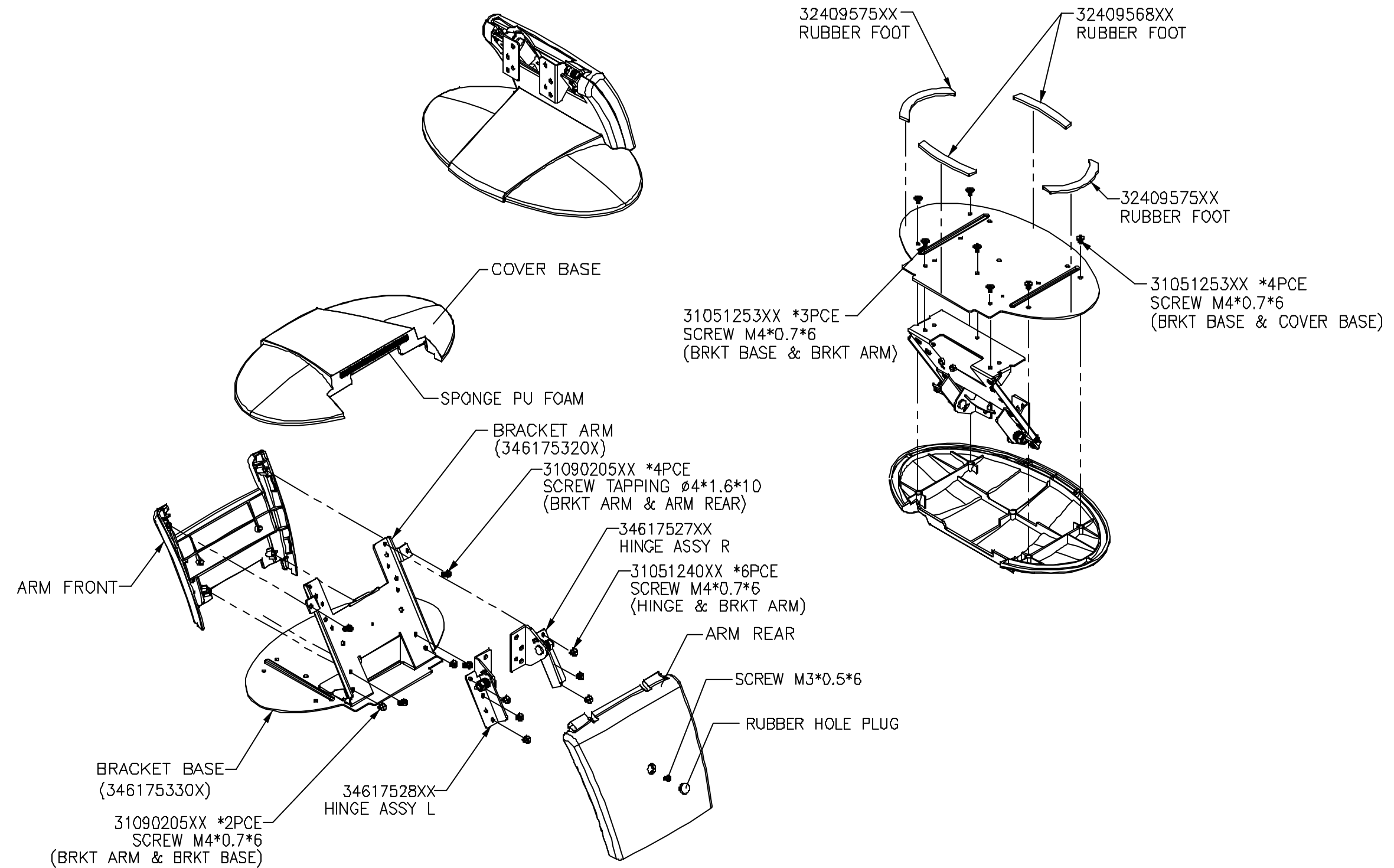
Exploded Parts List

Item	ViewSonic P/N	Ref. P/N	Description	Q'TY
1	C-FP-0301-0963	3361084801	F/B ABS SV-651 VG810S S8LFC1LS	1
2	B-KB-0207-0045	5600110124	LCD FUN KEY BD ASSY L18FMR 05AAB	1
3	PL-FK-0709-0150	3360732801	FUNCTION KEY ABS CR S8LFC1LS	1
4	E-SK-0412-0086	3790182900	SPEAKER ASSY L18FMR05AAB	2
5	M-LCD-0826-0161	5051801050	LCD 18.1" TFT PANEL XGA	1
6	M-BK-0805-0039	3460163402	BRACKET PANEL SECC 394.8*324.4 T.8 LG	1
7	B-IF-0222-0052	5600110123	LCD I/F BD ASSY L18FMR 05AAB	1
8	B-PS-0204-0058	5600110125	LCD POWER BD ASSY L18FMR 05AAB	1
9	B-SB-0221-0589	5600110126	LCD INVERTER BD ASSY L18FMR 05AAB	1
10	M-BK-0805-0038	3460163101	BRACKET D-SUB SECC 278.8*23.8 T.8	1
11	M-BK-0805-0041	3461234204	SHIELD CAN IF SPTE 296.3*198.7 T.3	1
12	M-BK-0805-0042	3461234301	SHIELD CAN SPTE 226*62.8*18 T.3	1
13	M-MS-0808-9129	3241132800	INSULATOR PC T.4 204*40 VG810	1
14	M-MS-0808-8561	3460146100	BRACKET VESA SECC 110*20 T1	2
15	M-BK-0805-0040	3460163502	BRACKET HINGE SECC 204*63.5 T1.2	1
16	C-BC-0302-0564	3360248000	CABINET BACK ABS 41 S8LRC1LS	1
17	C-BC-0302-0582	3360248102	R/C ABS 41 VG810S S8LRC1LS	1
18	M-MS-0808-7739	3200648800	NAME PLATE ABS 94HB VIEWSONIC 82.83*34.9	1
19	M-CV-0830-2381	3360916300	ARM FRONT ABS 41 VX700-2	1
20	M-CV-0830-2394	3361205900	COVER BASE ABS 41 VG800-2	1
21	M-MS-0808-8157	3240957400	SPONGE EVA 100*7 T1 BLACK	1
22	M-BK-0805-0043	3461753201	BRACKET ARM SECC 156*126.1*153.6 T2	1
23	M-SCW-0824-0620	3109020500	SCREW T f 4*1.6*10 PAN C S18C ZN YEL	4
24	M-MS-0808-9131	3461752800	HINGE-L SUS304 62*20 T2	2
25	M-SCW-0814-0692	3105124000	SCREW M M4*0.7*6 PAN C S18C NI	6
26	M-MS-0808-9130	3461752700	HINGE-R SUS304 62*20 T2	1
27	M-CV-0830-2509	3360919201	ARM COVER REAR ABS 41 S8LBA2LS	1
28	M-SCW-0814-0691	3105120100	SCREW M M4*0.7*12 PAN C S+P S10C ZN YEL	6
29	PL-PD-0714-0068	3240957500	RUBBER FOOT 75*10 T3	2
30	M-SCW-0824-6793	3105125300	SCREW M M4*0.7*6 FF C S18C ZN BLK NYLCOK	7
31	PL-PD-0714-0068	3240957500	RUBBER FOOT 75*10 T3	2
32	M-BK-0805-0044	3461753301	BRACKET BASE SECC 266.6*161.4 T2	1
33	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	1
34	M-MS-0808-9137	3240977700	RUBBER HOLE PULG OD11.4 ID6.5 T7.36 BLK	1

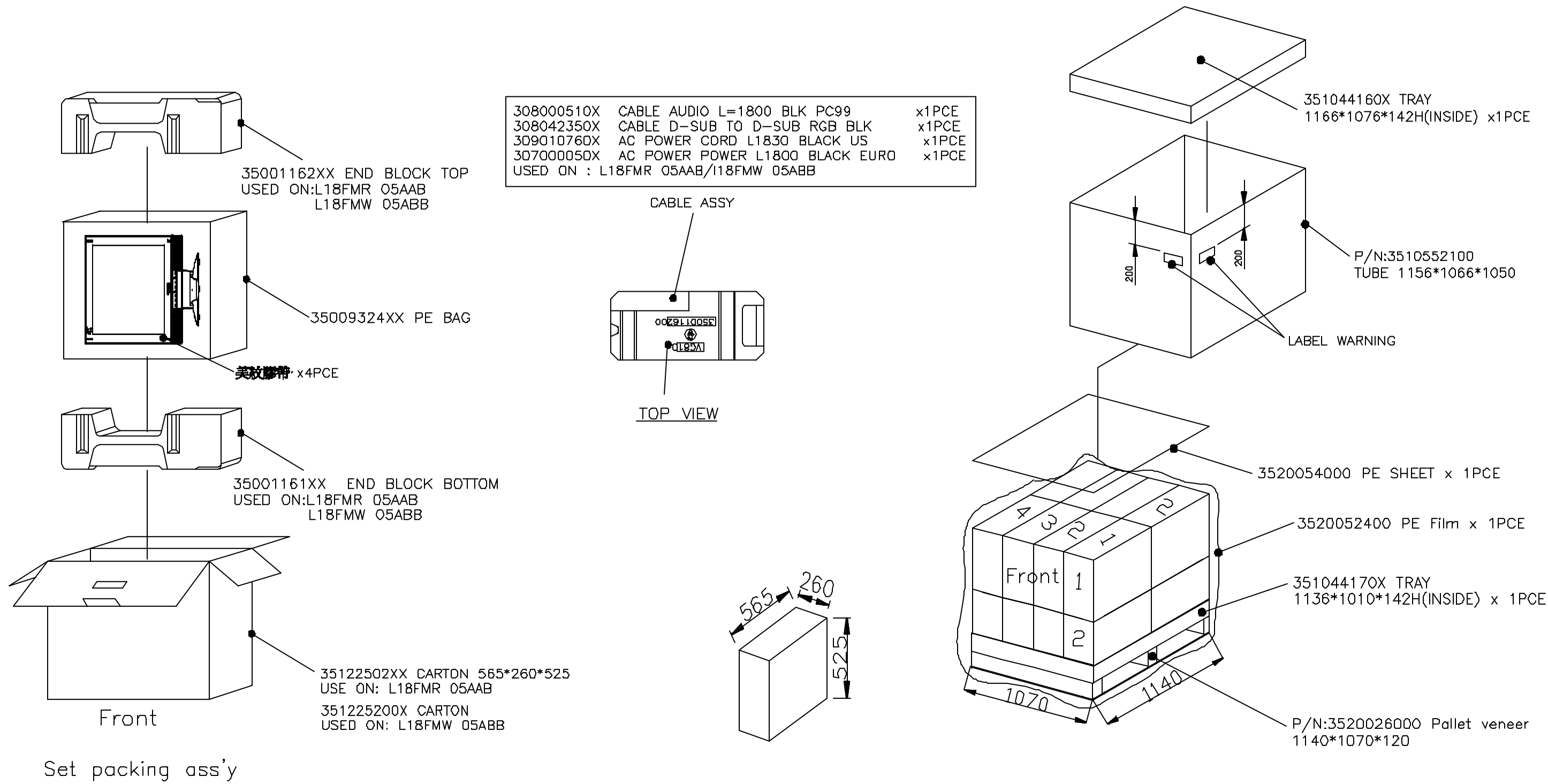
PANEL ASSY



STAND BASE ASSY

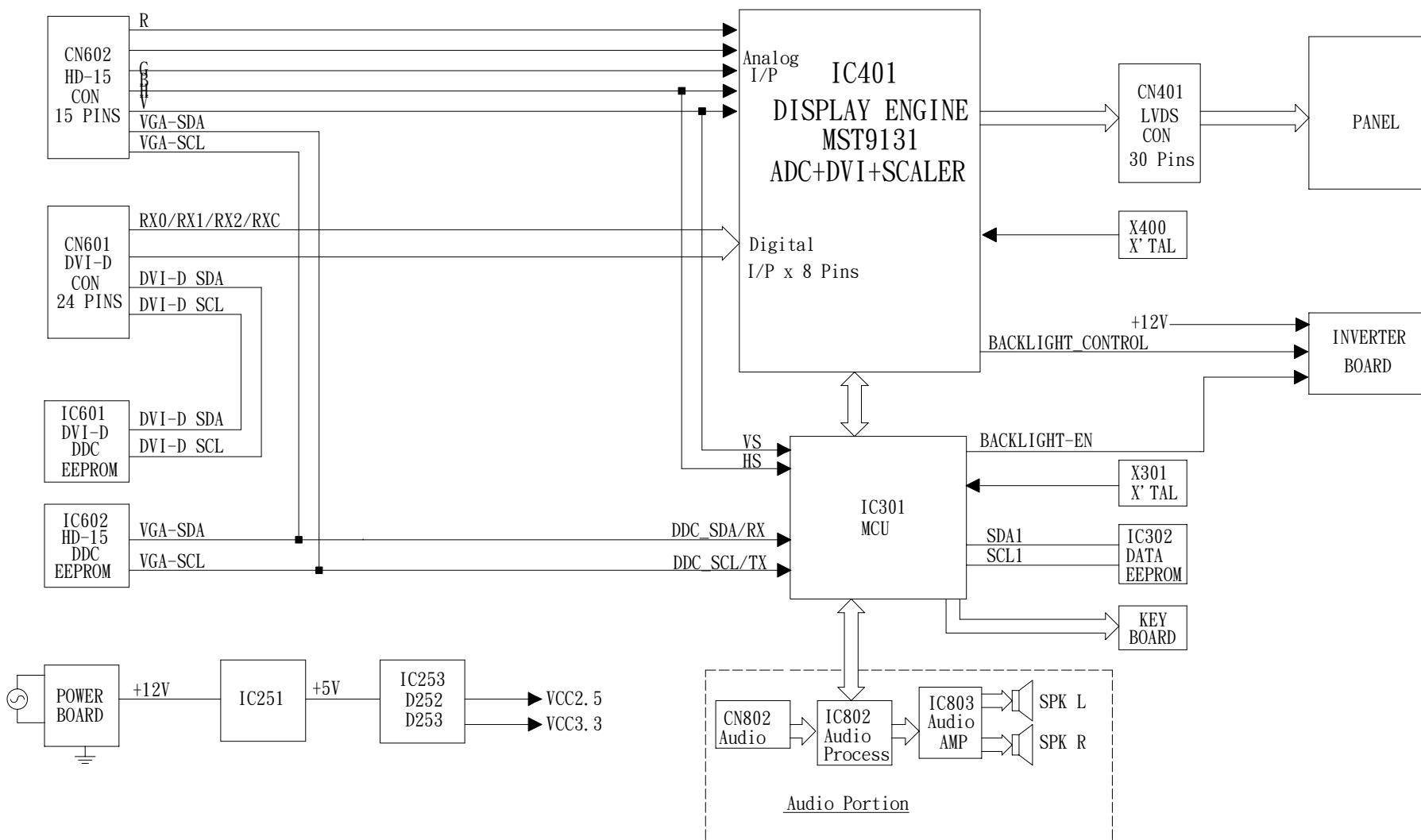


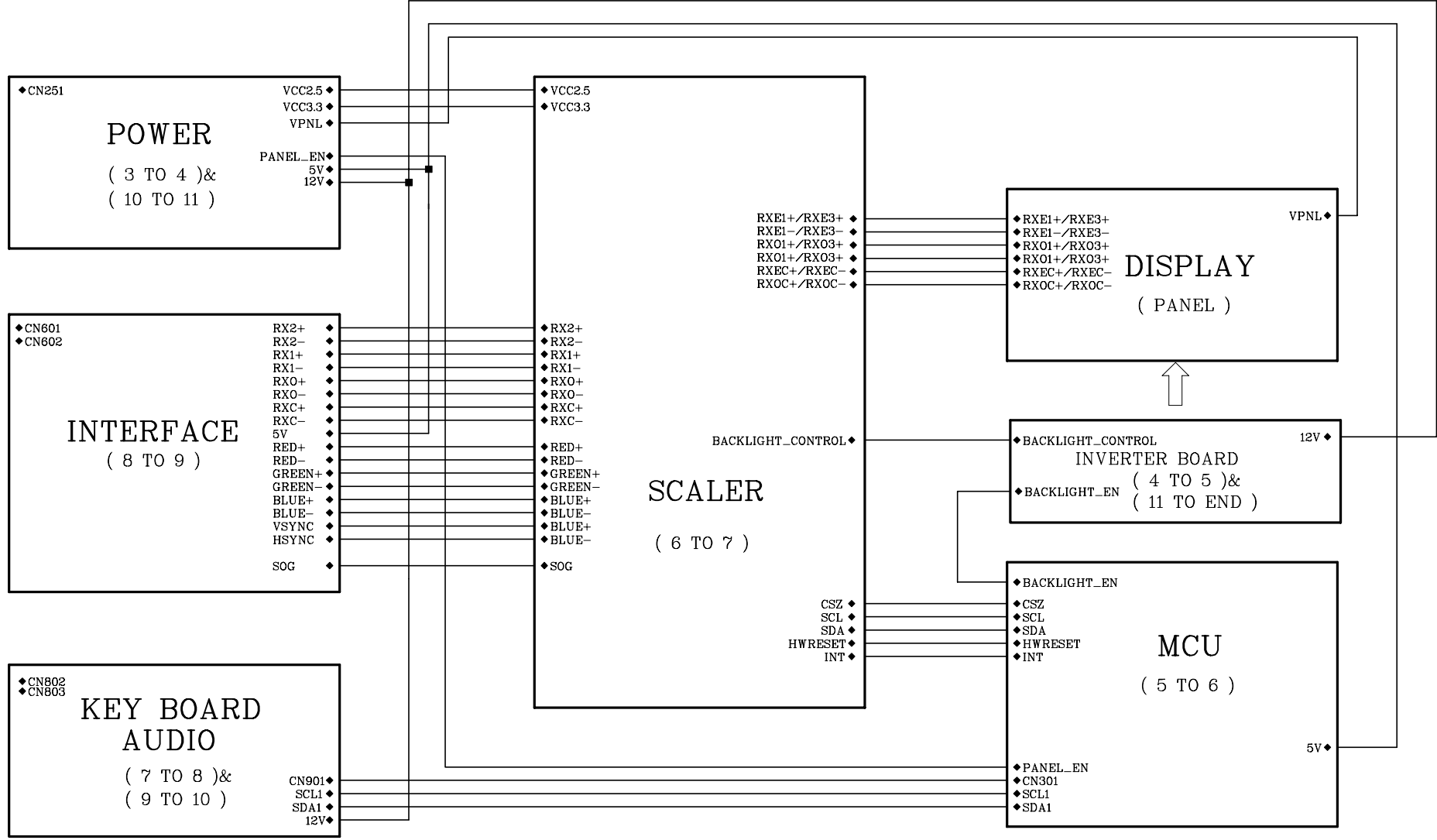
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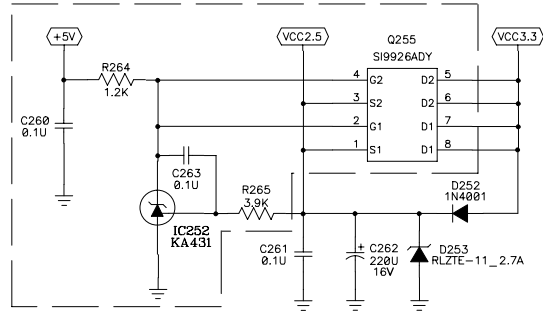
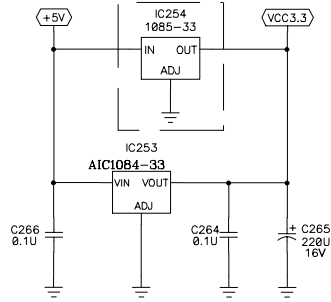
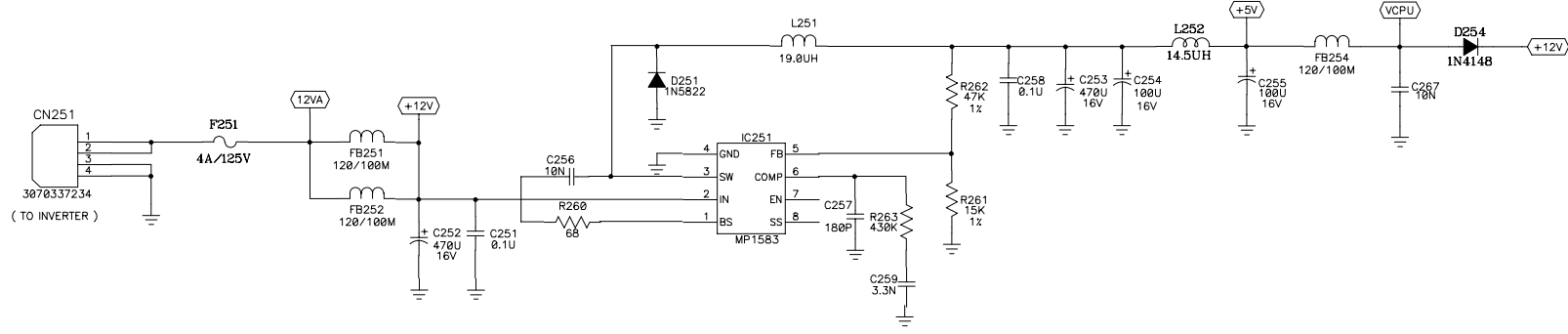


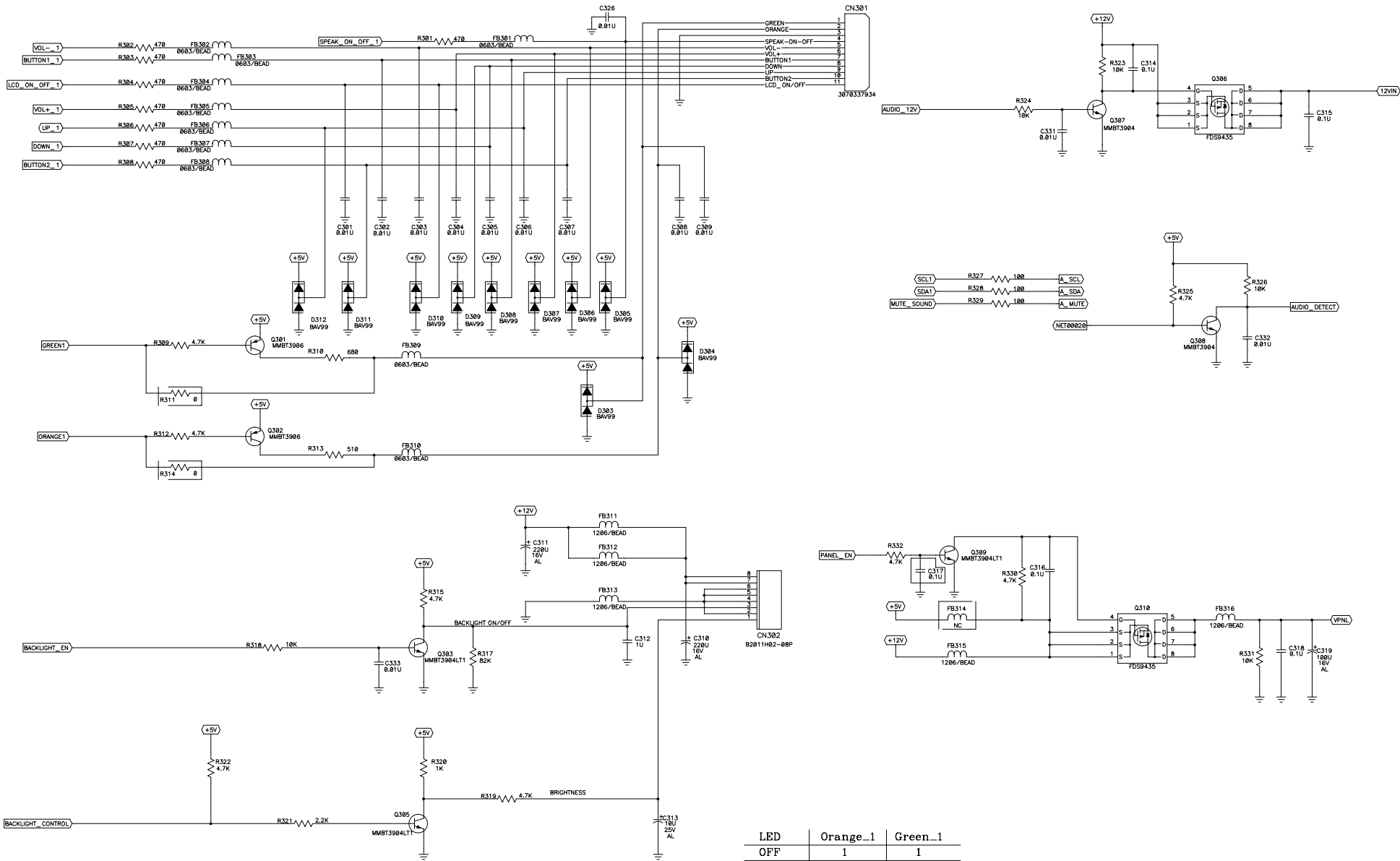
(Air Shipping) One Pallet could put 2*4*2=16 carton

VG810 LCD MONITOR BLOCK DIAGRAM



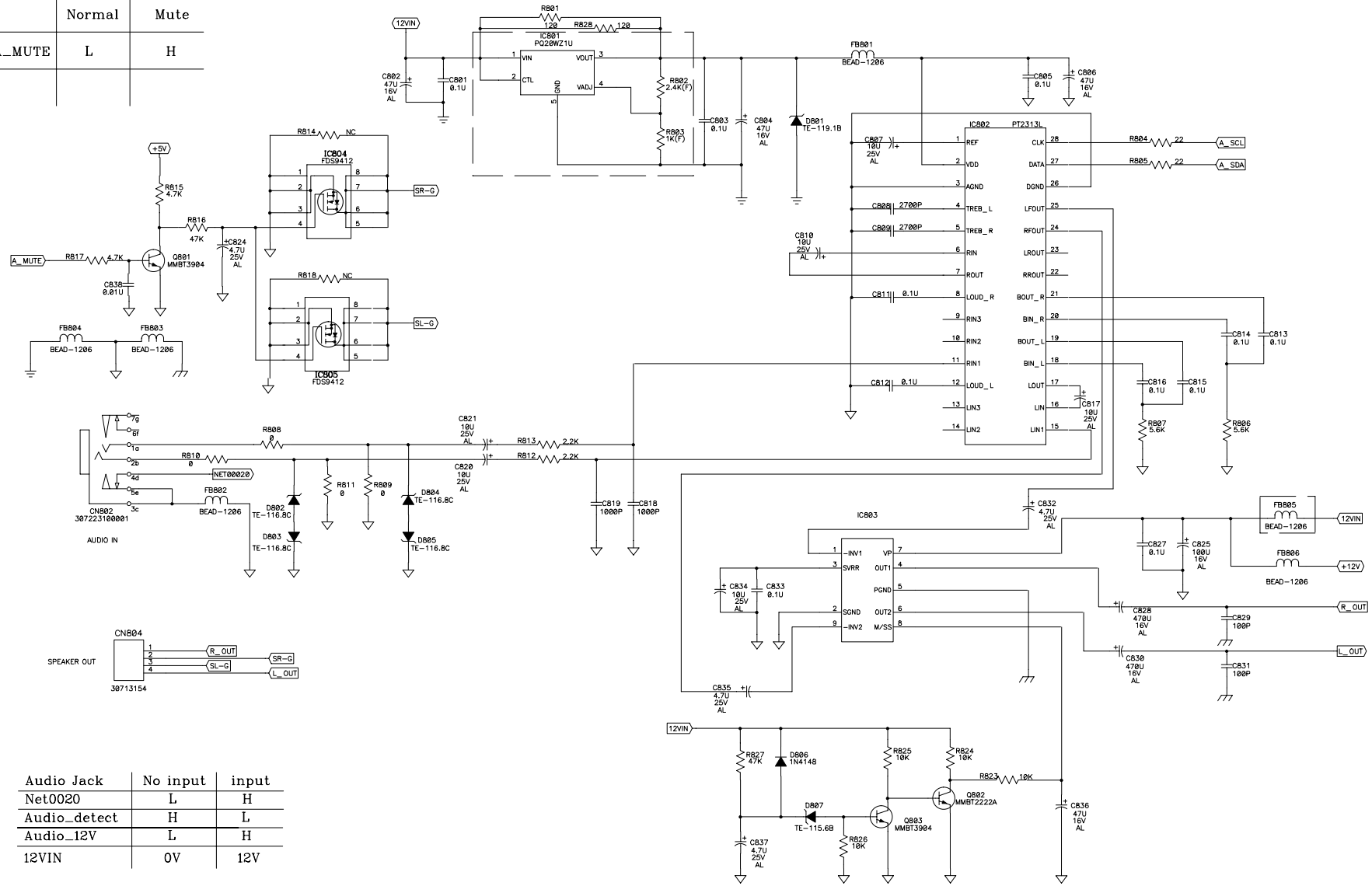


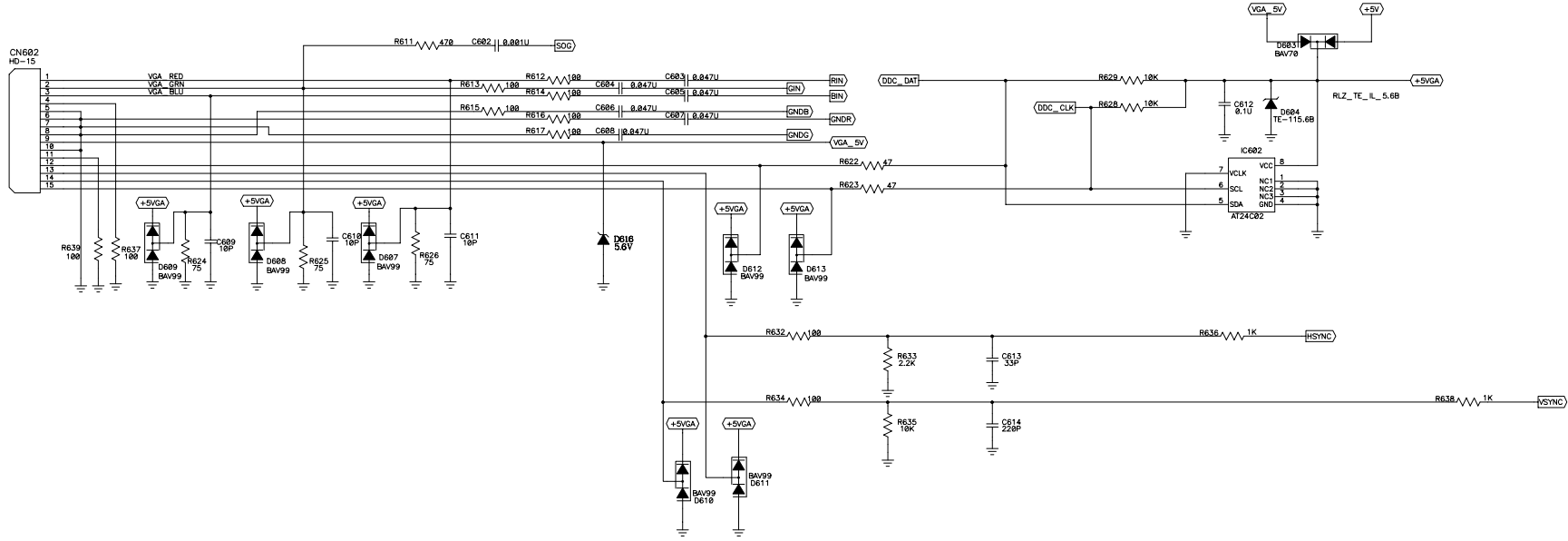
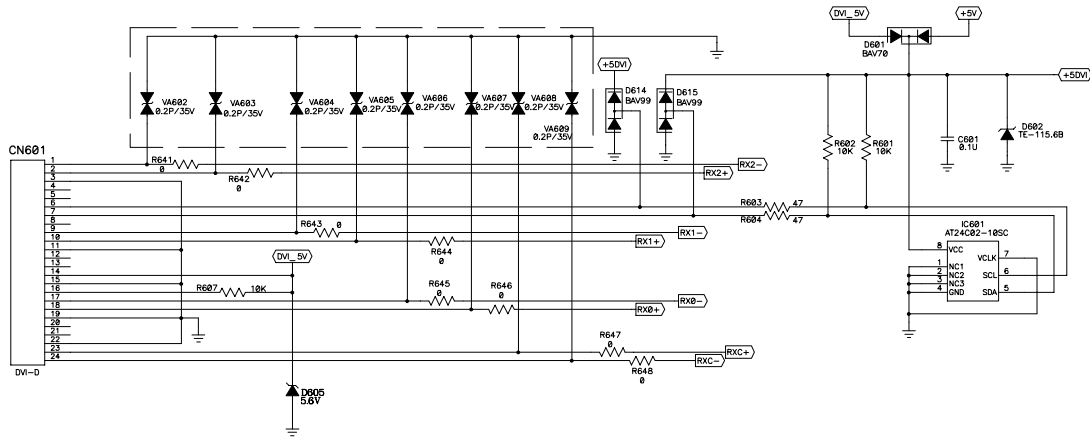


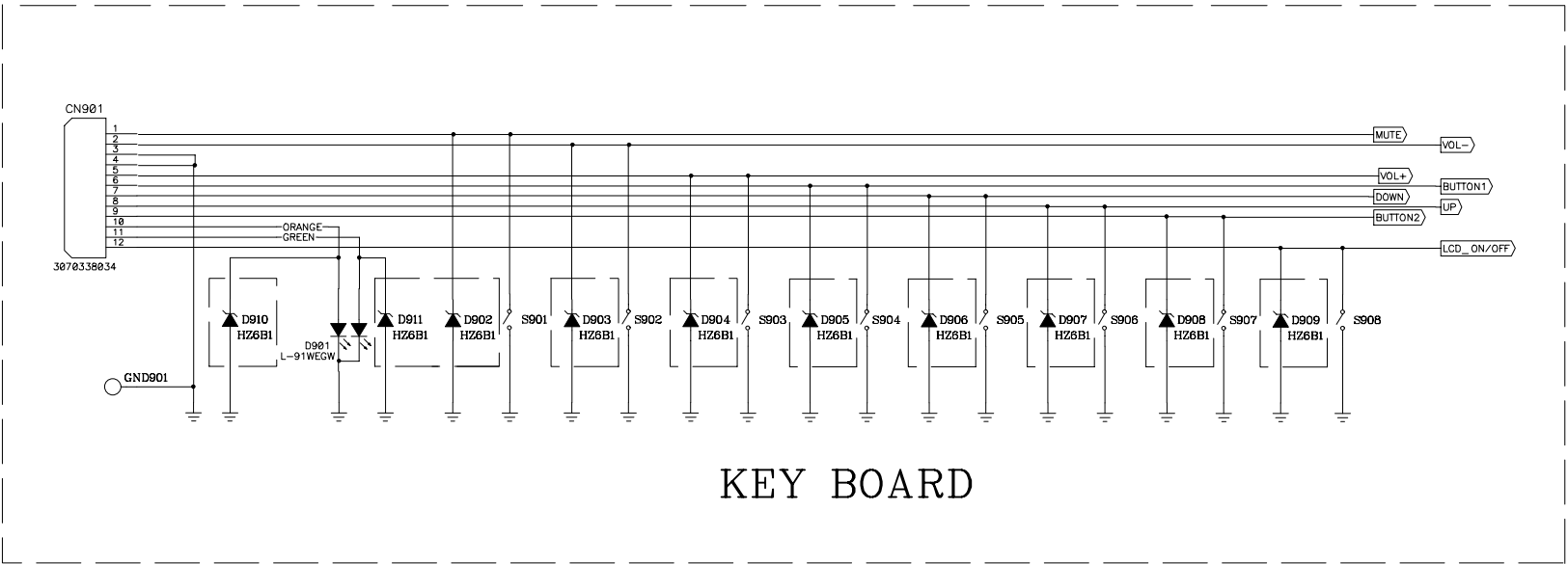


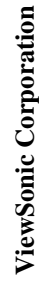
LED	Orange_1	Green_1
OFF	1	1
Green	1	0
Amber	0	0

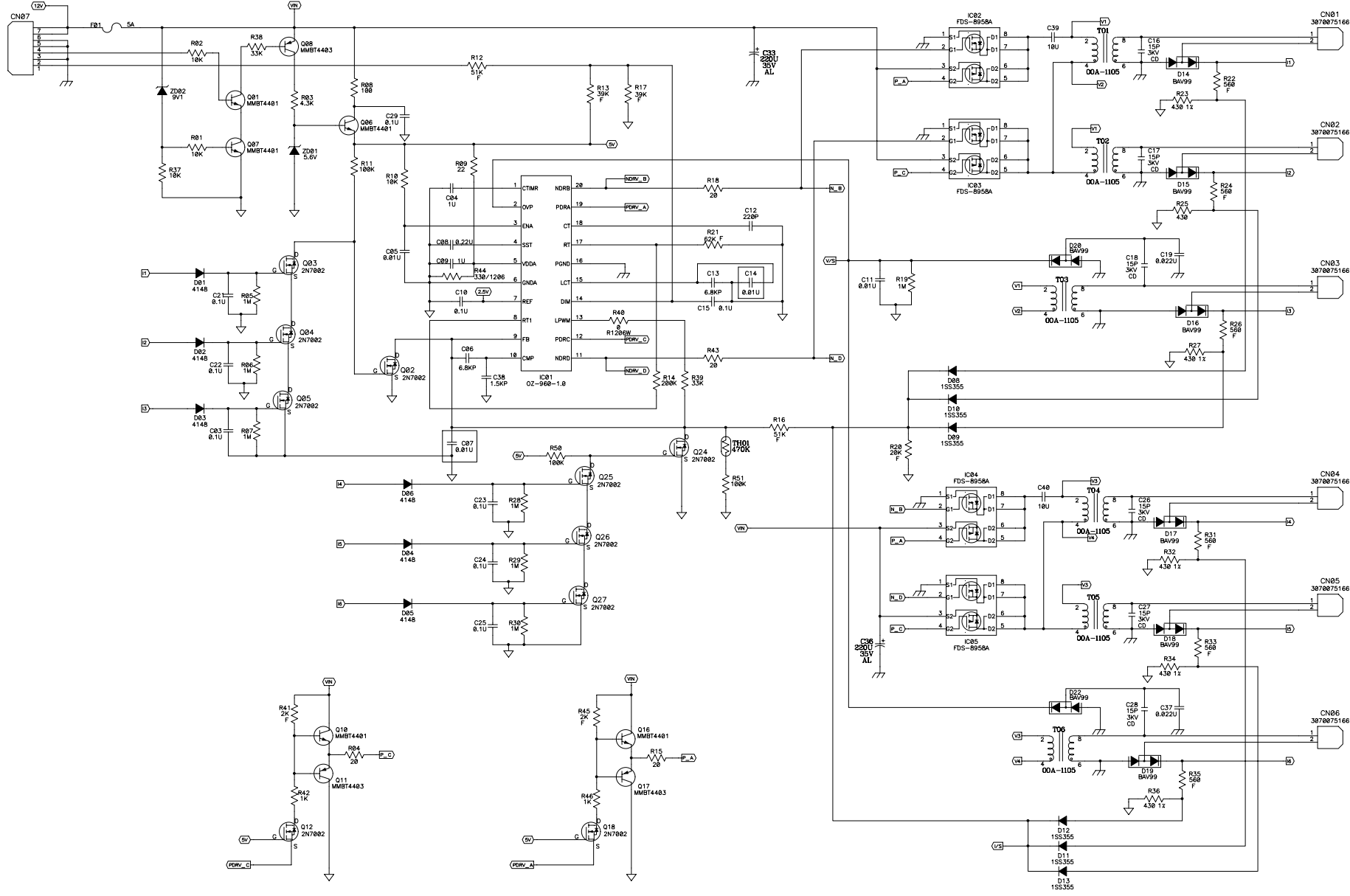
	Normal	Mute
A_MUTE	L	H





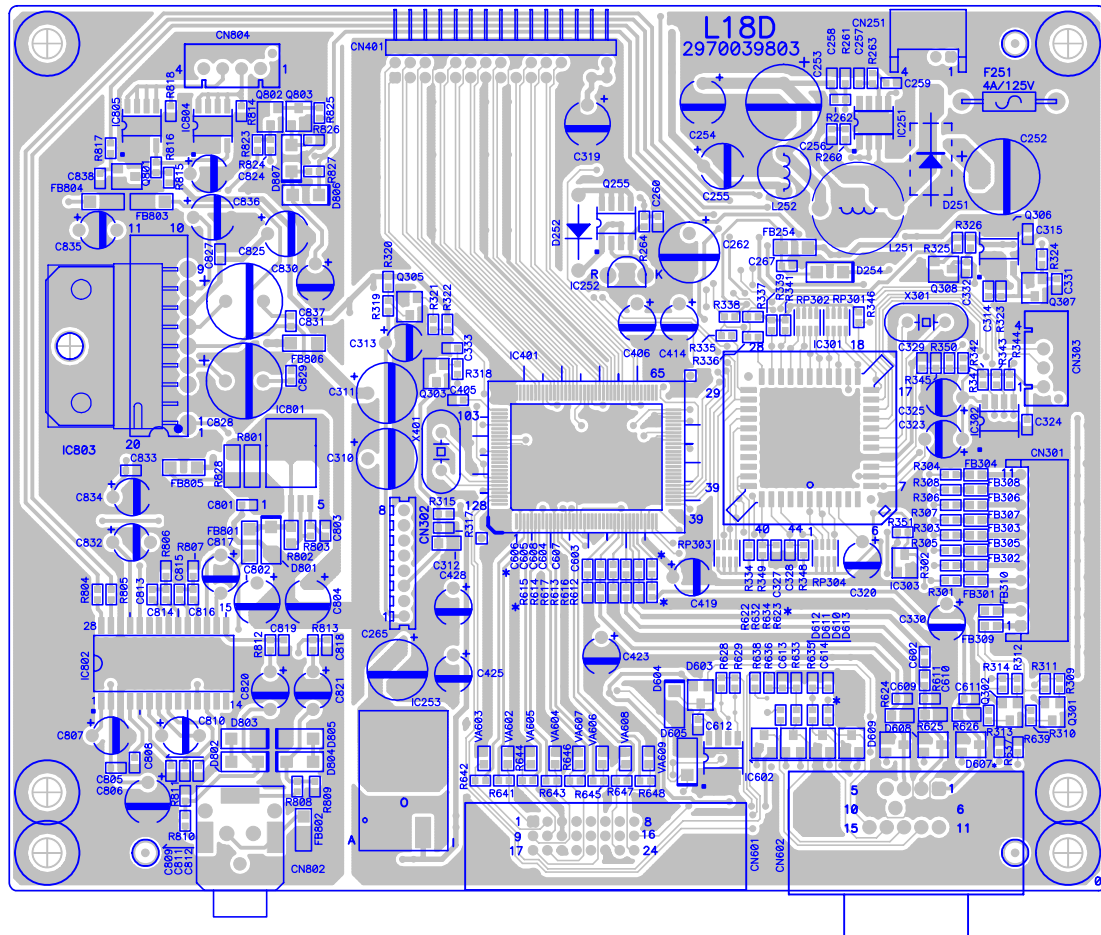




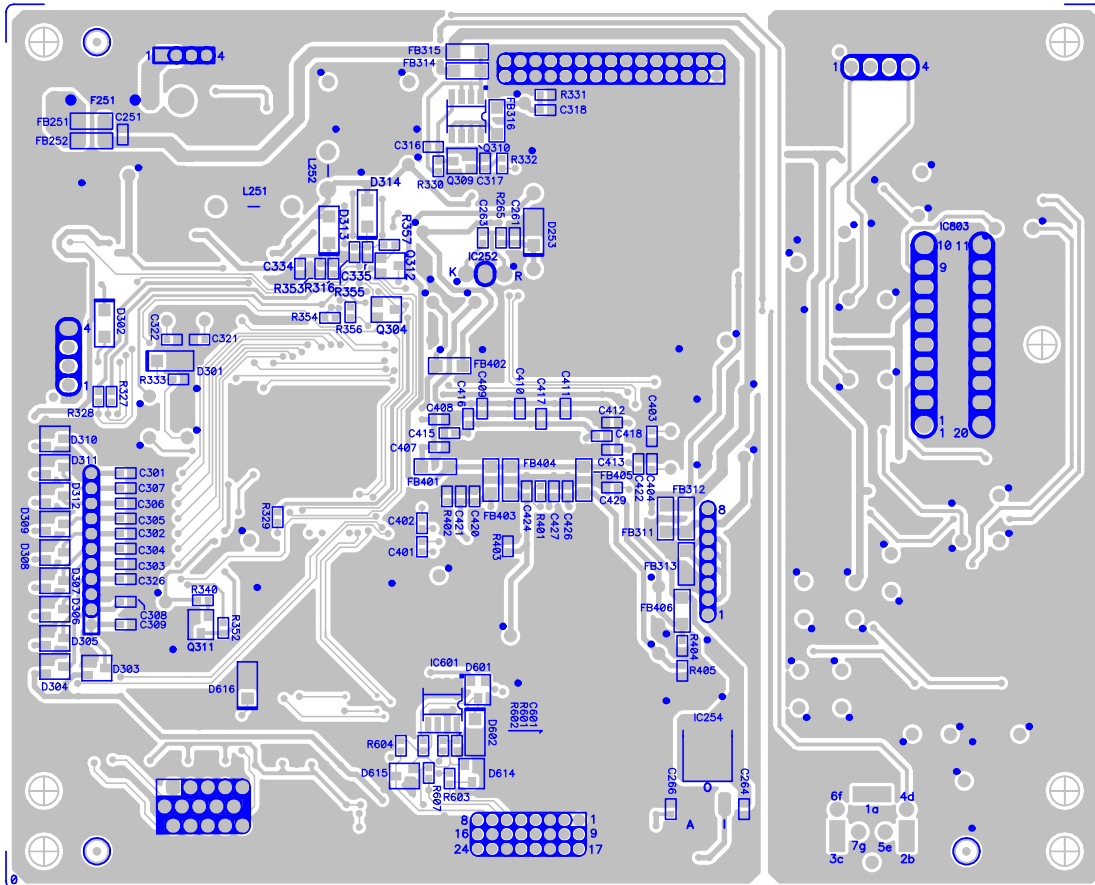


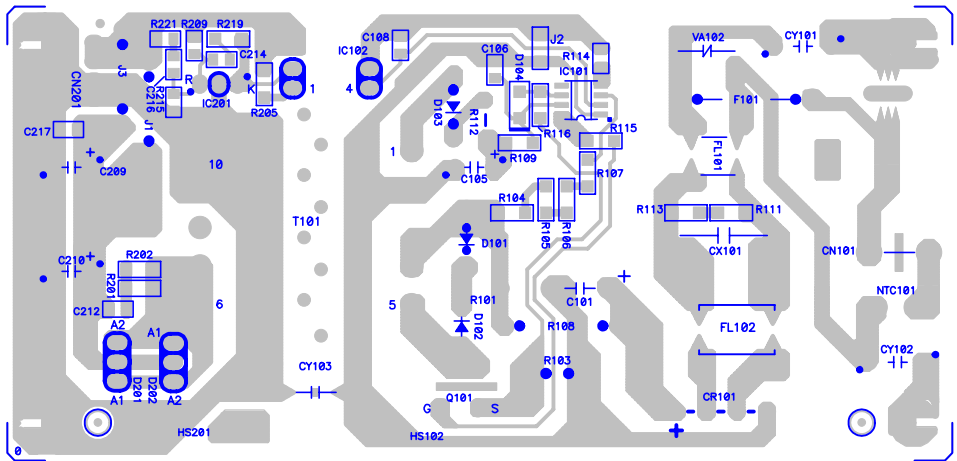
11. PCB Layout Diagrams

Main Board

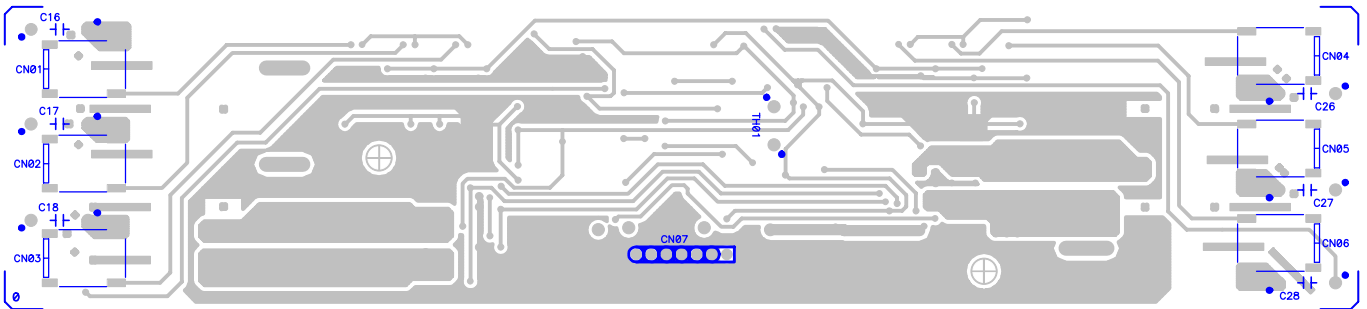
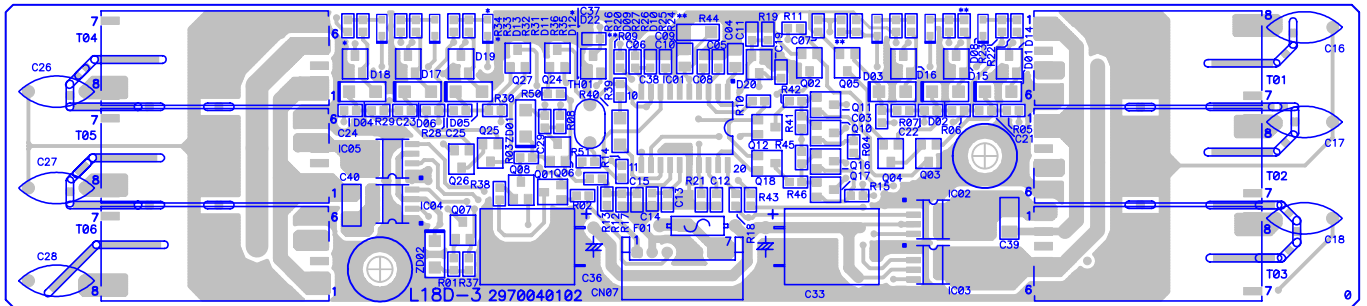


Main Board





Control Board



Reader's Response

Dear Readers:

Thank you in advance for your feedback on our Service Manual, which allows continuous improvement of our products. We would appreciate your completion of the Assessment Matrix below, for return to ViewSonic Corporation.

Assessment

A. What do you think about the content after reading **VG810s/b** Service Manual?

<i>Unit</i>	<i>Excellent</i>	<i>Good</i>	<i>Fair</i>	<i>Bad</i>
1. Precautions And Safety Notices				
2. Specification				
3. Front Panel Function Control Description				
4. Circuit Description				
5. Adjusting Procedure				
6. Trouble Shooting Flow Chart				
7. Recommended Spare Parts List				
8. Exploded Diagram and Spare Parts List				
9. Block Diagram				
10. Schematic Diagrams				
11. PCB Layout Diagrams				

B. Are you satisfied with the **VG810s/b** service manual?

<i>Item</i>	<i>Excellent</i>	<i>Good</i>	<i>Fair</i>	<i>Bad</i>
1. Service Manual Content				
2. Service Manual Layout				
3. The form and listing				

C. Do you have any other opinion or suggestion about this service manual?

Reader's basic data:

Name:		Title:	
Company:			
Add.:			
Tel:		Fax:	
E-mail:			

After completing this form, please return it to ViewSonic Quality Assurance in the USA at facsimile 1-909-839-7943. You may also e-mail any suggestions to the Director, Quality Systems & Processes (marc.maupin@viewsonic.com)